Parts Manual

Jacobsen HR6010

Series: EB - Engine Type: Perkins 404-22T
Product codes: LHAK003

⚠ WARNING

WARNING: If incorrectly used this machine can cause severe injury. Those who use and maintain this machine must be trained in its proper use, warned of its dangers and must read the entire manual before attempting to set up, operate, adjust or service the machine.

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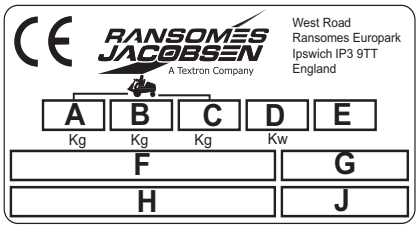
IMPORTANT! READ!

You have purchased a first class mower and the useful life you obtain from your machine depends to a large extent on proper maintenance & operation. Before attempting to use your mower, read your operator's Manual carefully. Make yourself familiar with the operation, controls, adjustments, lubrication and maintenance sections. ALL references to left and right are from operator's position.

INTRODUCTION

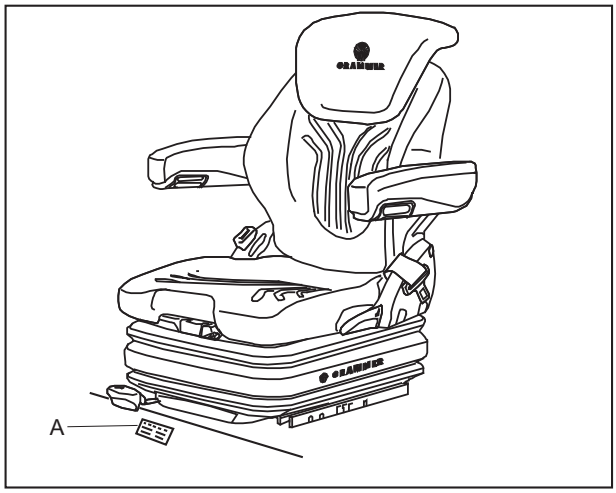
PRODUCT IDENTIFICATION

A Maximum front axle load in Kg (for machines being driven on the highway)
B Gross weight (mass) in Kg
C Maximum rear axle load in Kg (for machines being driven on the highway)
D Power in Kw
E Date code
F Machine type (Designation)
G Product code
H Product name
J Serial number



Serial Plate Location

The serial plate A is located on the chassis under the operators seating position.



SPARES STOCKING GUIDE

To keep your equipment fully operational and productive, Ransomes suggests you maintain a stock of the more commonly used maintenance items. We have included part numbers for the additional support materials and training aids.

SERVICE SUPPORT MATERIAL	
Part No.	Description
24682G -GB	Safety & Operators Manual
	Quote language required

SERVICE PARTS

SERVICE PARTS			
Part No.	Description	Part No.	Description
4123044	Air Filter Element	4282151	Engine Oil Filter
178025	Hydraulic Oil Filter Suction	008089620	Hydraulic Oil Filter Return
112243-03	Blade, Front Deck	112243-03	Blade, 10ft 7in Wing Deck
112243-07	Blade, 9ft 8in Wing Deck	24683G	Maintenance Manual

HOW TO USE THE PARTS MANUAL

ITEM NUMBER
Each part which is identified in the illustrations has an item number. Parts which do not have an item number may not be readily identified in the illustration but are usually closely associated with the immediately adjacent part.

ASSEMBLIES
A complete assembly, e.g. a wheel motor or hydraulic motor or roll assembly, is listed as a complete item with subsequent individual components listed separately.
The assembly is listed under it's part number with component parts being listed offset to the right, e.g:-

ITEM	PART NO.	DESCRIPTION	QTY	REMARKS
4295	MBG2504	Bracket	1	
4296	MBG3848	Latch	2	
4298	450865	Screw, M8 X 20, Sckt Csk Hd	2	
4300	450378	Nut, M8 Nyloc	2	
4301	Wl001	Set Of Wheels	1	
4301.1	008162130	• Wheel & Hub Assy	1	(Rear)
4301.2	008170390	• • Tyre	1	
4301.3	008161830	• • Rim	1	
4301.4	008169140	• • Hub Assy.	1	
4301.5	008169150	• • Cap	1	
4301.6	002993010	• • Lubricator	1	
4301.7	008161990	• Wheel & Tyre	2	(Front)
4301.8	008170780	• • Tyre	2	

It may not be possible to illustrate every item. With certain items purchased from outside suppliers some component parts may not be available from Ransomes and may need to be specially ordered from the supplier.

QUANTITIES
Quantities shown are for one assembly or sub-assembly.

USING THE PARTS LIST
Determine the function and application of the part required. Turn to the main index page and select the appropriate section. Locate the part on the illustration and parts list and read off the quantity from the appropriate MODEL column.

NUMERICAL INDEX
This is a summary of all part numbers used in the manual arranged in numerical sequence and showing the page and item number under which the parts appear.

ORDERING OF SPARE PARTS
When ordering replacement parts, it is most important to quote the SERIAL NUMBER of the machine, PART NUMBER, DESCRIPTION and QUANTITY required.

Any arbitrary modifications carried out on this machine may relieve the manufacturer of liability for any resulting damage or injury.

ABBREVIATIONS
N/A Not Available
ARAs Required

GUIDELINES FOR THE DISPOSAL OF SCRAP PRODUCTS

DURING SERVICE LIFE
Used oil, oil filters and engine coolant are hazardous materials and should be handled in a safe and environmentally responsible way.
In the event of a fluid leak, contain the spill to prevent it entering the ground or drainage system. Local legislation will dictate how such spills are to treated.
Following the maintenance procedures laid out in this manual will ensure that the impact the machine has on the local environment is controlled.

When it has been identified that a turf care product has no further functional value and requires disposal, the following actions should be taken.

END OF SERVICE LIFE
These guidelines should be used in conjunction with applicable Health, Safety and Environmental legislation and use of approved local facilities for waste disposal and recycling.

- Position the machine in a suitable location for any necessary lifting equipment to be used.
- Use appropriate tools and Personal Protective Equipment (PPE) and take guidance from the technical manuals applicable to the machine.
- Remove and store appropriately:
    1. Batteries
    2. Fuel residue
    3. Engine coolant
    4. Oils
- Disassemble the structure of the machine referring to the technical manuals where appropriate. Special attention should be made for dealing with 'stored energy' within pressurised elements of the machine or tensioned springs.
- Any items that still have a useful service life as second hand components or can be re-serviced should be separated and returned to the relevant centre.
- Other worn out items should be separated into material groups for recycling and disposal consistent with available facilities. More common separation types are as follows:
    - Steel
    - Non ferrous metals
        - Aluminium
        - Brass
        - Copper
    - Plastics
        - Identifiable
        - Recyclable
        - Non recyclable
        - Not identified
    - Rubber
    - Electrical & Electronic Components
- Items that cannot be separated economically into different material groups should be added to the 'General waste' area.
- Do not incinerate waste.

Finally update machinery records to indicate that the machine has been taken out of service and scrapped. Provide this serial number to Ranmsomes Jacobsen Warranty department to close off relevant records.

1 TORQUE SPECIFICATIONS

RECOMMENED TORQUES (+/- 10%) FOR THESE GRADES OF FASTENERS . USE THESE SPECIFICATIONS UNLESS OTHERWISE NOTED.

TEXTRON GOLF, TURF AND SPECIALTY PRODUCTS USES GRADE 5 BOLTS AS STANDARD (MINIMUM COMMERCIAL QUALITY). DO NOT USE LOWER QUALITY BOLTS UNLESS OTHERWISE NOTED.

AMERICAN NATIONAL STANDARD FASTENERS

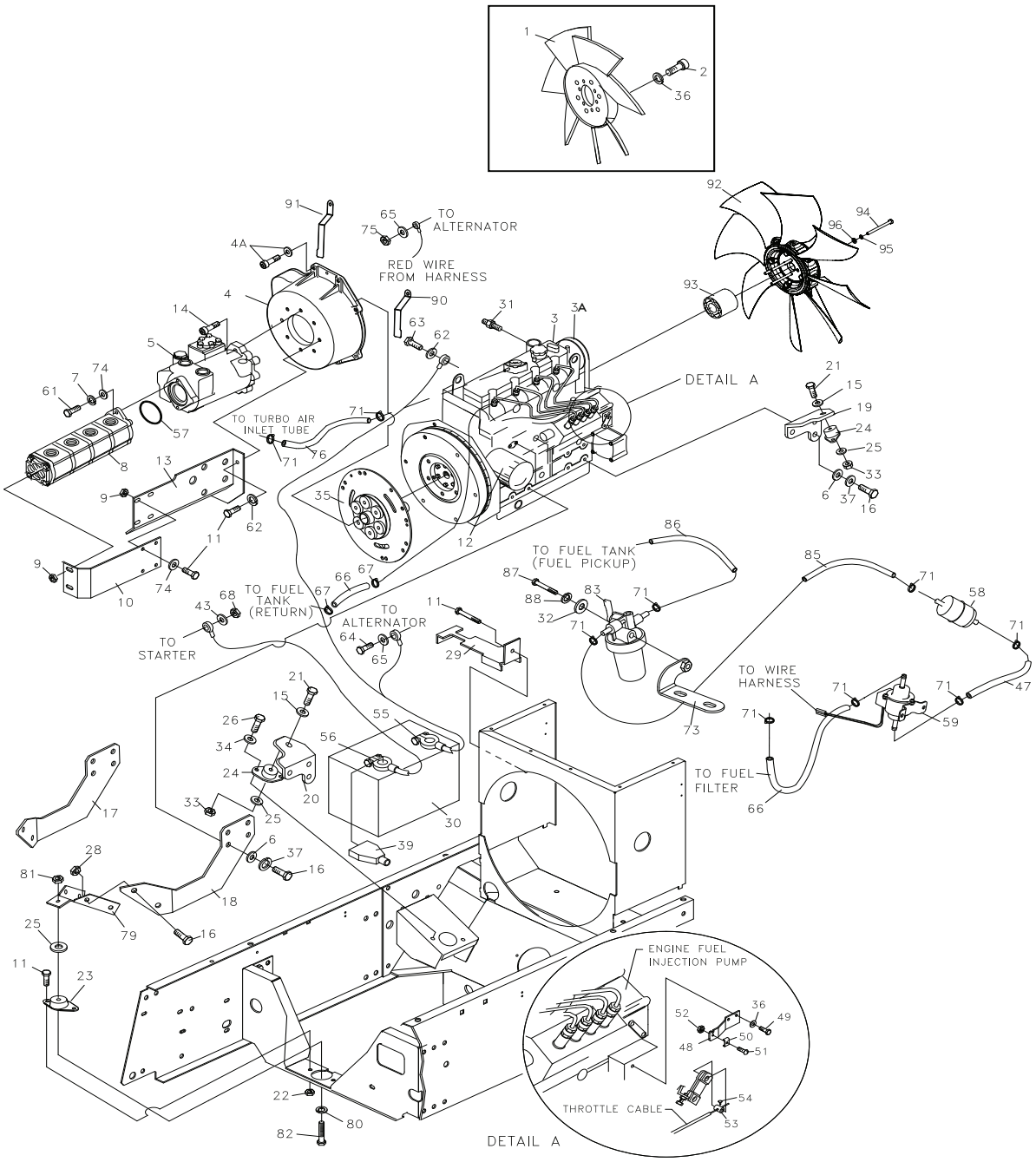
SIZE	UNITS	GRADE 5	GRADE 8
6-32	in-lbs(Nm)	20 (2.3)	-
8-32	in-lbs(Nm)	24 (2.7)	30 (3.4)
10-24	in-lbs(Nm)	35 (4.0)	45 (5.1)
10-32	in-lbs(Nm)	40 (4.5)	50 (5.7)
12-24	in-lbs(Nm)	50 (5.7)	65 (7.3)
1/4-20	in-lbs(Nm)	95 (10.7)	125 (14.1)
1/4-28	in-lbs(Nm)	95 (10.7)	150 (17.0)
5/16-18	in-lbs(Nm)	200 (22.6)	270 (30.5)

SPECIFIC TORQUES:

BLADE BOLT: 70FT-LBS (95Nm)
DRIVE WHEEL LUG NUTS: 55-65FT-LBS (75-88Nm)
WHEEL HUB NUTS:300 FT-LBS (407 Nm)

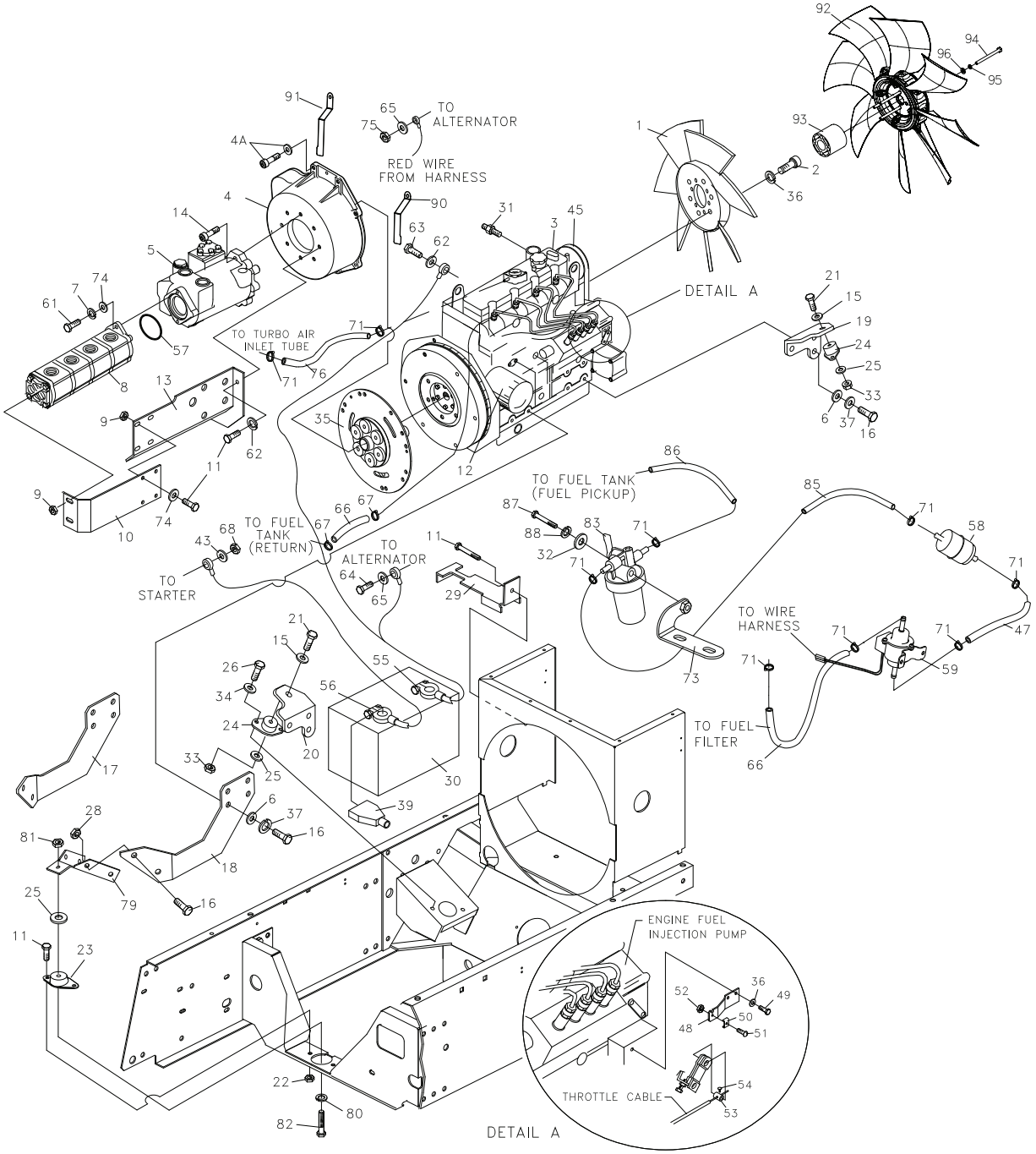
TORQUE SETTINGS		
CARTRIDGE VALVE	FT-LBS	NM
8	17-21	23-28
10	21-25	28-34

2 ENGINE GROUP



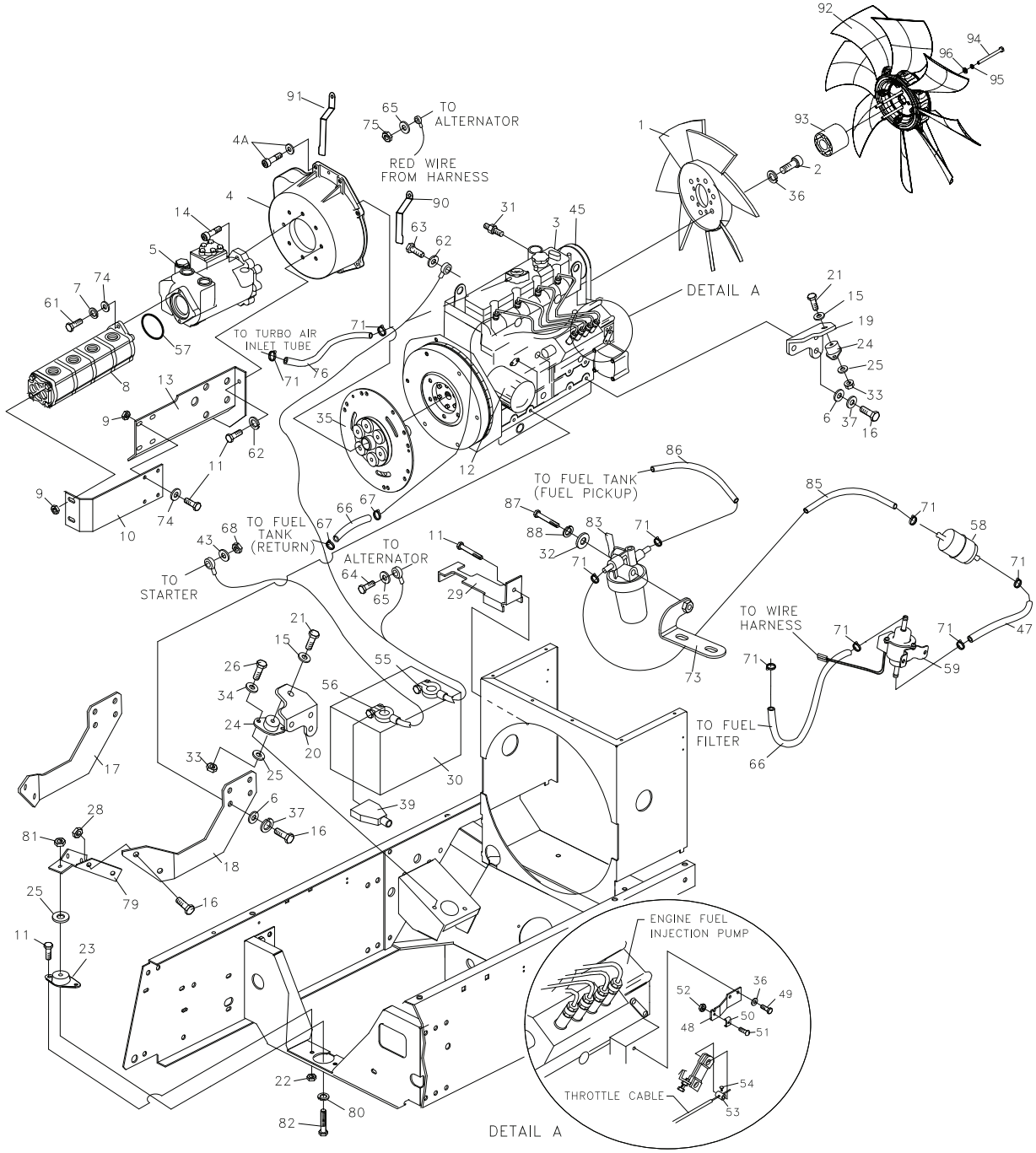
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	2218149	Fan-16.75"	1	To S/N EB000586
1	4194221	Fan Sickle Blade	1	From S/N EB000587
*	4189568	Top Shroud Fan	1	
2	450171	Screw Hex M6 X 20	5	
3	4123743	Engine-Perkins 404C-22T	1	
3	4178440	Engine-Perkins 404D-22T	1	
4	4123488	Bell Housing & Cplg	1	
4A	450379	M10 Hex Nut staytite	9	
	450391	M10 Flat Washer	18	
	450035	M10 x 65 Hex Head Bolt	4	
	450743	M10 x 50 Caphead Screw	2	
	450740	M10 x 35 Caphead Screw	3	
	450755	M12 x 35 Caphead Screw	2	
	450392	M12 Flat Washer	2	
5	008007120	46cc M46 Transmission Pump	1	
6	452000473	Washer-9/16 X 1-1/8 X .104	12	
7	452200134	Lock Washer-3/8 X .683 X .094	2	
8	2178214	Pump-4 Section Gear (Service Seal Kit 2178214--01) (Service Stud Kit 2178214--02)	1	
9	450454	Nut Hex M10 Verbus Ripp	6	
10	2212073	Brckt-Cassapa Pump	1	
11	450214	Screw Hex M10 X 25	9	
12	2208174	Oil Filter	1	
13	4125234	Wldmnt-Pump-Brckt	1	
14	450754	CapScrew -sckt M12 X 30	2	
15	MBF0365	Washer-10.5 X 25.2 X 3	2	
16	001191160	Screw Hex M14-1.5 X 30	16	
17	4125553	Mount-RH Motor	1	
18	4125552	Mount-LH Motor	1	
19	4128058	Mount-Eng. LH Rear	1	
20	4128059	Mount-Eng. RH Rear	1	
21	450035	Bolt Hex M10 X 65	2	
22	450379	Nut Hex M10 Nyloc	2	
23	2218009	Isolator-lf2-270	1	
24	2218010	Isolator-lr1-230	2	
25	64163-27	Washer-2.0x.453x11	3	
26	450191	Screw Hex M8 X 20	4	
28	800490	Nut Hex M14-1.5	4	
28 *	001594200	Lock Washer-m14 X 24.1 X 3	4	
28 *	452000473	Washer-9/16 X 1-1/8 X .104	4	
29	2212107a	Brckt-Battery Hold Down	1	
30	4322471	Battery 12v	1	
*	4322477	Battery Terminal Adaptor	2	
31	008296050	Sender-Temp	1	
33	452437	Nut Hex M10 Flng Nyloc	2	
34	001594010	Washer-.328 X .75 X 14 Ga	4	
35	LMAC062	Coupling - Kit	1	
36	452200029	Lock Washer-1/4 X .425 X .072	8	
37	64006-13	Washer-helical 9/16	12	
38	48228A	Clip-cable Insulated	2	

2 ENGINE GROUP



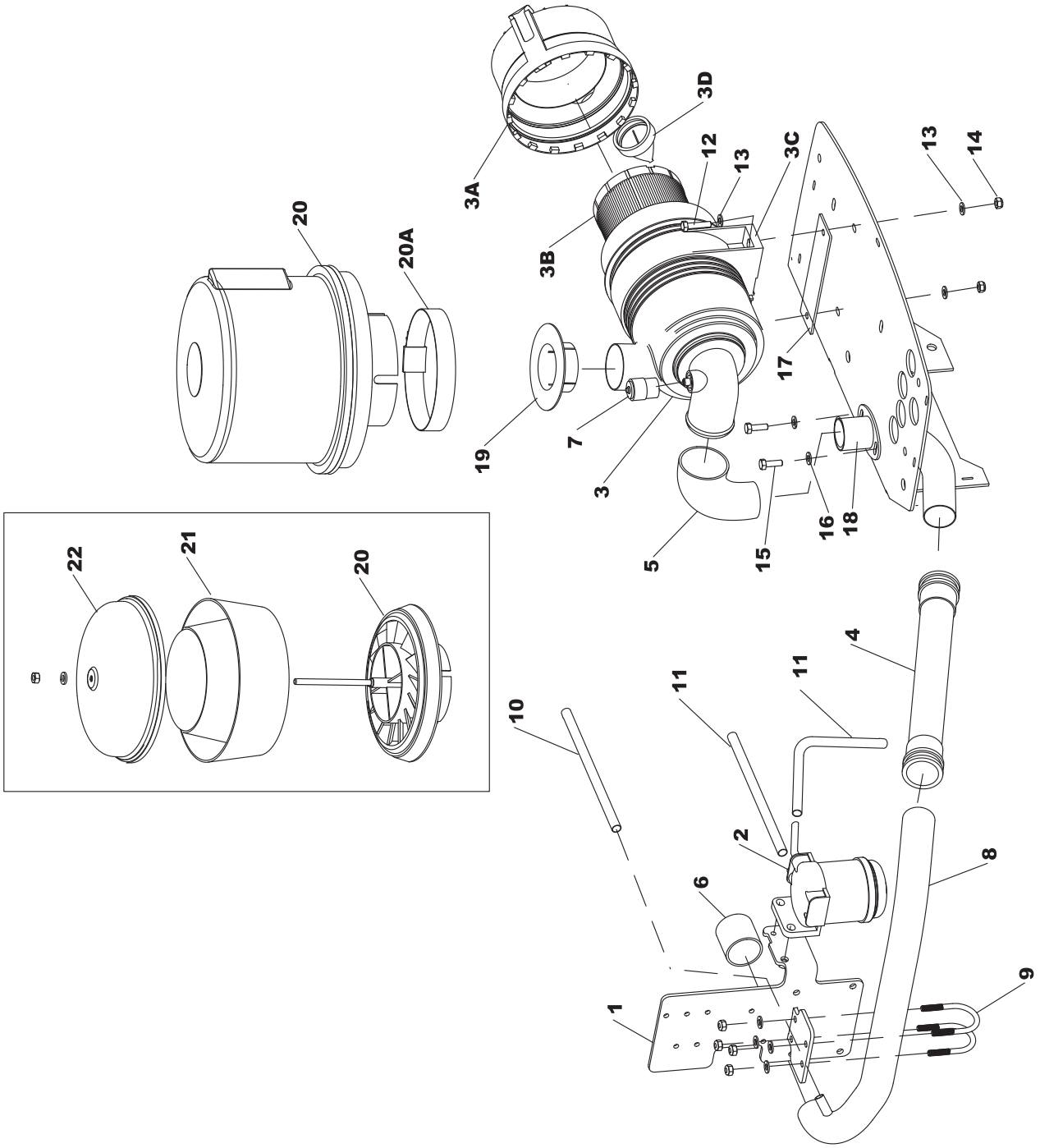
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
39	48037A	Boot Battery Term	1	(See Service Manual For Perkins KR30331)
41	450026	Bolt Hex M8 X 90	1	
42	Af09020	Spacer-9 X 13.9 X 20	1	
43	64006-02	Lock Washer-helical 5/16	3	
45	4277933	Fan Belt	1	
46	148263-08	S Hse.56 X.31 X 16.0	1	
48	2192486	Brkt-Throttle	1	
49	450168	Screw Hex M6 X 12	2	
50	W022372	B&S Cable Clamp	1	
51	001191098	Screw HD No10-24 X 3/4	1	
52	001393298	Nut HexNo10-24 Nyloc	1	
53	2198211	Swivel-Cable Clamp	1	
54	452676	Screw-Taptite M4 X 10	1	
55	2218088	Cable-Battery Neg.	1	
56	2218089	Cable-Battery Pos	1	
57	W158061-04	O-Ring 3.237 Id X .103 Sect	1	
58	5001182	Filter-Fuel (Inline)	1	
59	4126806	Pump Elect Fuel	1	
61	456110448	Screw Hex 3/8-16 X 1-1/4	2	
62	64006-06	Lock Washer-Helical 7/16	3	
63	450213	Screw Hex M10 X 20	1	
64	450149	Screw Hex M5 X 12	1	
65	64002-02	Lock Washer-Tooth,Ext,10	1	
66	148264-04	Hose-Fuel 3/16" X 12" Lg	2	
67	001925220	Hose Clamp, 8-22	2	
68	450324	Nut Hex M8	1	
69	2198126	Spacer	1	
70	450018	Bolt Hex M8 X 50	1	
71	48540-01	Clamp-Hose	8	
72	838154	Bracket, Fuel Pump	1	
73	4130372	Bracket-Water Seperator	1	
74	450391	Washer-M10 X 21 X 2.2	6	
75	450376	Nut Hex M5 Nyloc	1	
76	4127607	Hose	1	
79	2212206	Mount-top Motor	1	
32	450390	Washer-M8 X 17 X 1.8	1	
80	64006-06	Lockwasher-helical 5/16	1	
81	450454	Nut Hex M10 Verbus Ripp	1	
82	450034	Bolt Hex M10 X 60	1	
83		Water Seperator	1	(Perkins Part. 130306180)
84	4130372	Wldmt-Water Seperator Brkt	1	
85	4131714	Hose 3/8" x 200 LG	1	
86	4131715	Hose 3/8" x 600 LG	1	
87	450021	Screw Hex M8 x 65	1	
88	450411	Washer-Spring M8	1	
89*	4126840	Fitting-Banjo, Sump Drain	1	
90	4156540	Bracket-Tank Protector LH	1	
91	4156541	Bracket-Tank Protector RH	1	
80	64006-06	Lock Washer-helical 5/16	1	
81	450454	Nut Hex M10 Verbus Ripp	1	

2 ENGINE GROUP



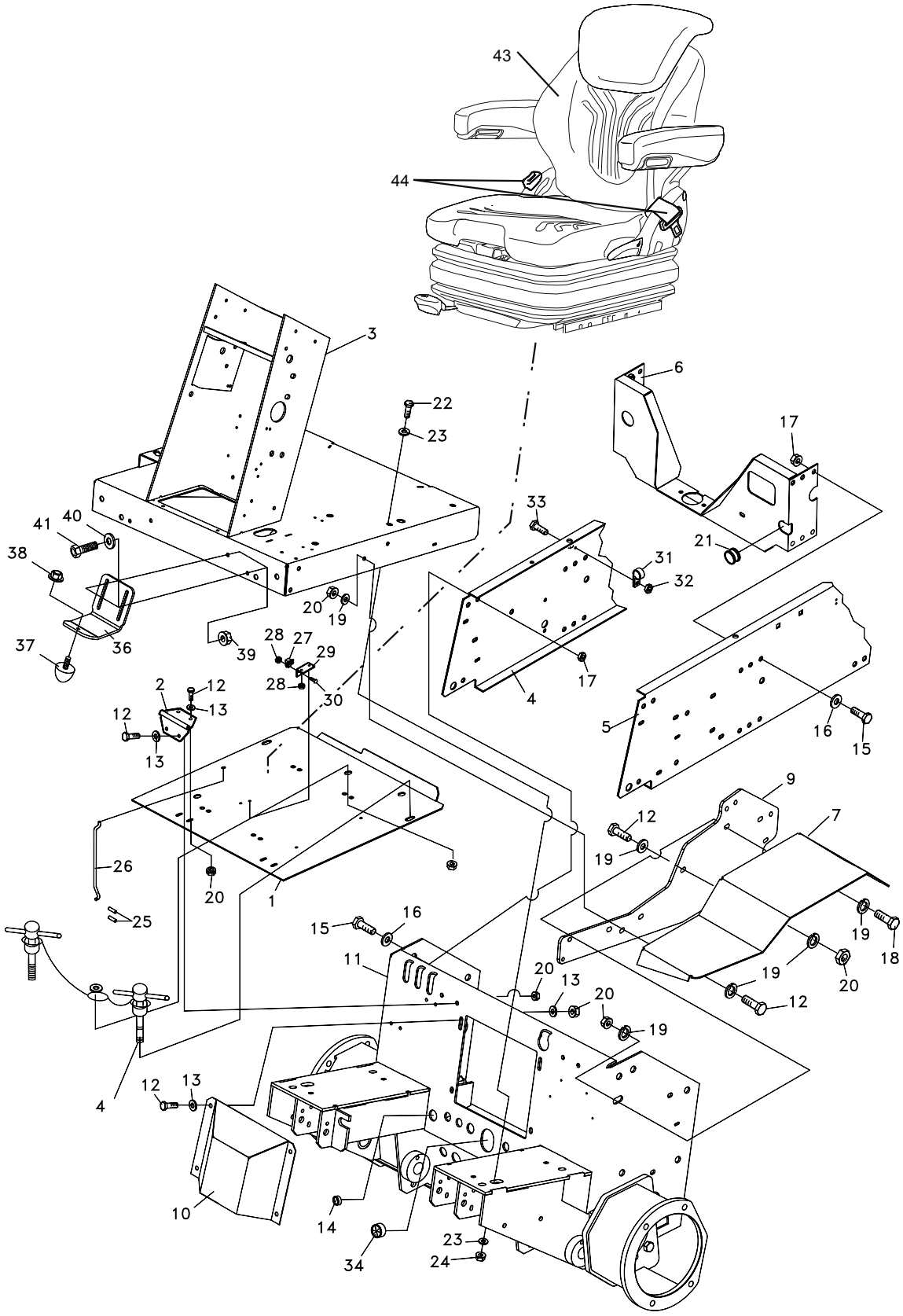
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
82	450034	Bolt Hex M10 X 60	1	
83		Water Seperator	1	(Perkins Part. 130306180)
84	4130372	Wldmt-Water Seperator Brkt	1	
85	4131714	Hose 3/8" x 200 LG	1	
86	4131715	Hose 3/8" x 600 LG	1	
87	450021	Screw Hex M8 x 65	1	
88	450411	Washer-Spring M8	1	
89*	4126840	Fitting-Banjo, Sump Drain	1	
90	4156540	Bracket-Tank Protector LH	1	
91	4156541	Bracket-Tank Protector RH	1	
92	4194221	Fan-Sickle Bladed	1	From S/N EB000587
93	4195881	Fan Spacer-50mm	1	From S/N EB000587
94	450009	Bolt Hex M6x70	4	From S/N EB000587
95	450410	Washer-Slw M6	4	
96	450389	Washer-M6 x 12.5 x 1.8	4	
		Fuel Hoses		
	4131715	HOSE-FUEL 8mm BORE x 600mm		5/16th x 23.5 inches
	4131713	HOSE-FUEL 8mm BORE x 1000mm		5/16th x 40 inches
	4136025	HOSE-FUEL 8mm BORE x 1500mm		5/16th x 60 inches

3 ENGINE-AIRFILTER



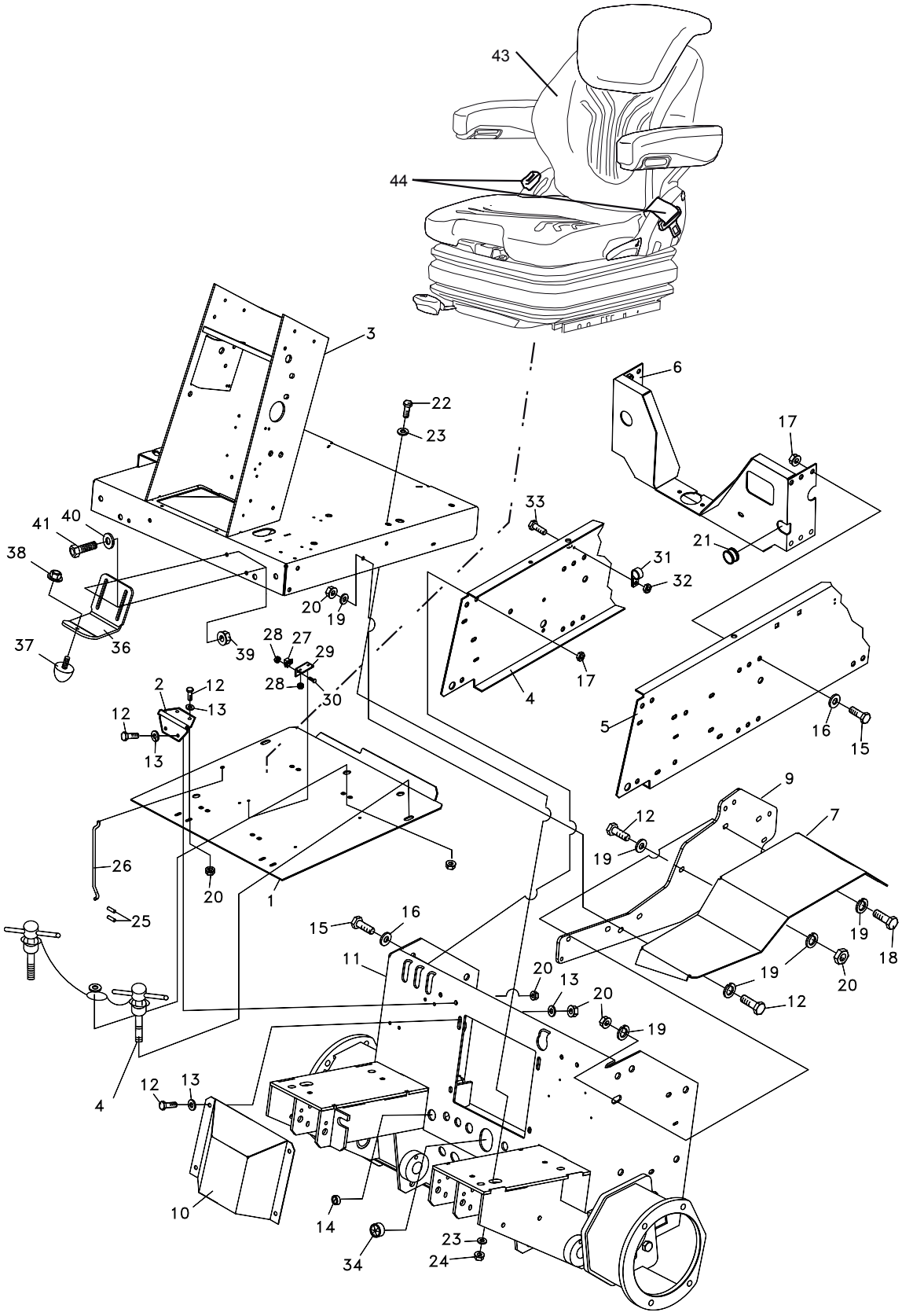
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	4123368	Relay Bracket A	1	From SN; EA000934 EB000617 DZ000442
2		Fuel Filter	1	Perkins Part No. 2656613.
3	4123283	Air Cleaner Complete	1	
3A	4123043	Cover - Air Cleaner	1	
3B	4123044	Main Element	1	
3C	4123045	Mounting Band	1	
3D	4123046	Vacuator Valve	1	
4	4131343	Hose - Air Cleaner	1	
*	48396	Hose Clamp Size 24	2	
5	4124737	Elbow - 90 deg	1	
*	001925570	Hose Clamp Size 28	1	
*	4170140	Hose Clamp Size 80	1	
6	4124743	Sleeve - Turbo Inlet	1	
*	48383	Hose Clamp Size 32	2	
7	4125078	Indicator	1	
8	4124365	Turbo Air Inlet Pipe	1	
9	001990357	Clamp, 1.3/4"	2	
10	4127607	Hose	1	
11	4131715	Hose	3 Mtr	
12	450015	M8x35 Hex Bolt	2	
13	450390	M8 Plain Washer	6	
14	450378	M8 Nut Nyloc	2	
15	450014	M8x30 Hex Bolt	4	2 off for Fuel Filter (Item 2)
16	450411	M8 Spring Washer	4	2 off for Fuel Filter (Item 2)
17	4126023	Spacer - Air Cleaner Band	1	
18	4124596	Wldmt - Air Cleaner Outlet	1	
19	4126442	Adaptor - Air Cleaner	1	
*	001925700	Hose Clamp Size 36	1	
20	4140275	Centrifugal Pre-Cleaner	1	Self Emptying (Standard)
20	4139345	Centrifugal Pre-Cleaner (Complete)	1	Optional
20A	4139348	Hose Clamp, 65-89	1	
21	4139347	Bowl	1	
22	4139346	Cover	1	
23*	4139371	Rubber Sleeve-Pre Cleaner 3mm	1	

4 FRAME FRONT



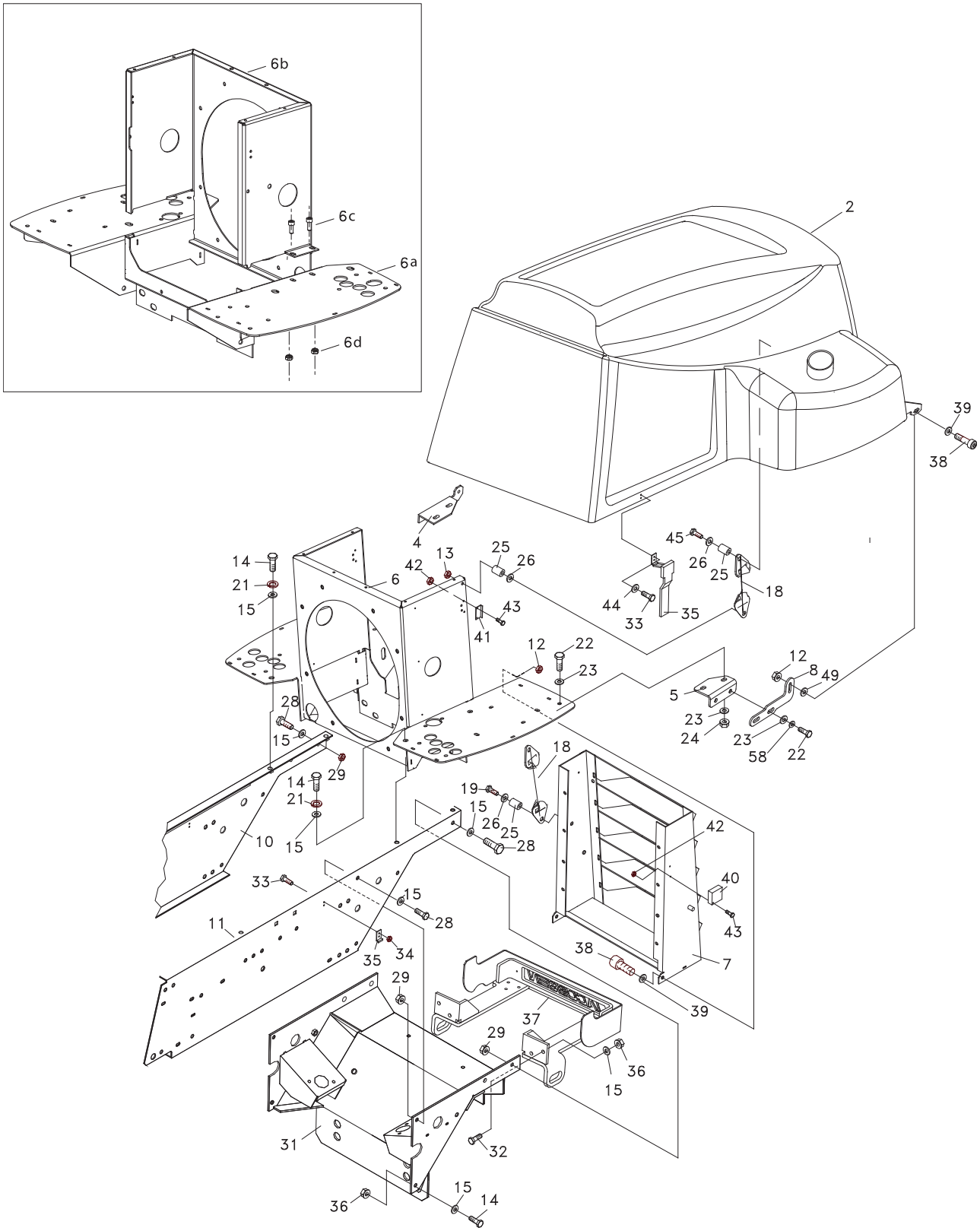
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	4141865	Wldmt-Seat Plate	1	Also used with Air Suspension Seat fitted
1*	MBF2423	Plate-Seat Mtg	1	
2	2208058.07	Hinge-Seat Plate	2	
3	4153397	Wldmt-Steering Tower	1	
4	4125219	Wldmt-RH Frame Rail	1	
5	4125141	Wldmt-LH Frame Rail	1	
6	2216084	Wlmnt-Bulkhead	1	
7	4125824	Fender-LH	1	
*	4268418	Anti-Slip LH Mudguard, Slope	1	
8*	4125825	Fender-RH	1	
*	4268420	Anti-Slip RH Mudguard, Slope	1	
9*	2212082	Back-Plate Fender	2	
9	4158720	Stiffener-Cab Support	2	ONLY if Mauser cab is fitted
10	2212064	Cover-Access	1	
11	4125225	Wldmt-Front Axle	1	
*	MBF1988	Plate W/A	1	
*	002989380	Trim Seal	AR	
12	450191	Scrw HexM8 X 20	13	
13	450390	Washer-M8 x 17 x 1.8	8	
14	148034-08	Insulated Grommet	1	
15	450241	Screw HexM12 X 30	16	
16	450392	Washer-M12 x 24 x 2.7	16	
17	450380	Nut HexM12 Nyloc	14	
18	450193	Scrw HexM8 x 30	3	
19	001594010	Washer-.328 x .75 x 14 Ga	18	
20	450378	Nut HexM8 Nyloc	17	
21	W148034-01	Insul Grommet 1" I/D	1	
22	450214	Scrw HexM10 x 25	4	
23	450391	Washer-M10 x 21 x 2.2	8	
24	450379	Nut HexM10 Nyloc	4	
25	64061-04	Roll Pin-1/8x3/4	2	
26	W143036a	Rod-Support	1	
27	W138040	Clip-Hood Rod	1	
28	001393400	Nut Hex 6-32 Keps	4	
29	MBG3817	Brkt-Rod Clip	1	
30	64152-21	6-32x1/2lg Rd Hd Sc	4	
31	48228-05	Clip-Cable,Insulated	1	
32	001399121	Nut Hex1/4-20 Nyloc	1	
33	456110498	Scrw Hex1/4-20 x 1/2	4	
34	2218084	Grommet	1	
35	452200176	Lock Washer-1/2 x .873 x .125	2	
36	2212245	Bracket-Deck Stop	2	
37	523126	Bumper-Rubber	2	

4 FRAME FRONT



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
38	001393010	Nut Hex5/16-18 Whiz	2	
39	450453	Nut HexM8 Verbus Ripp	4	
40	MBA5289A	Washer-8.5 x 25.5 x 3	4	
41	450192	Scrw HexM8 x 25	4	
42	2720289	Assy-M12 Bolt W/Lanyard	2	
42	4144985	Assy-M12 Bolt W/Lanyard	2	From Serial No:EB000445
*	002953320	Grommet	1	
*	002953410	Grommet 22.2 x 28 x 3.2	1	
43		Seat	1	See section 18 & 19
44	4142205	Retracting Lap Belt	1	
*	450392	Washer M12 x 24 x 2.7	2	For item 44
*	456010967	Screw, Hex 7/16-20 x 1	6	For item 44
*	4176261	Spacer 12 x 18 x 9	2	For item 44
*	970018	ROP's Frame	1	

FRAME - REAR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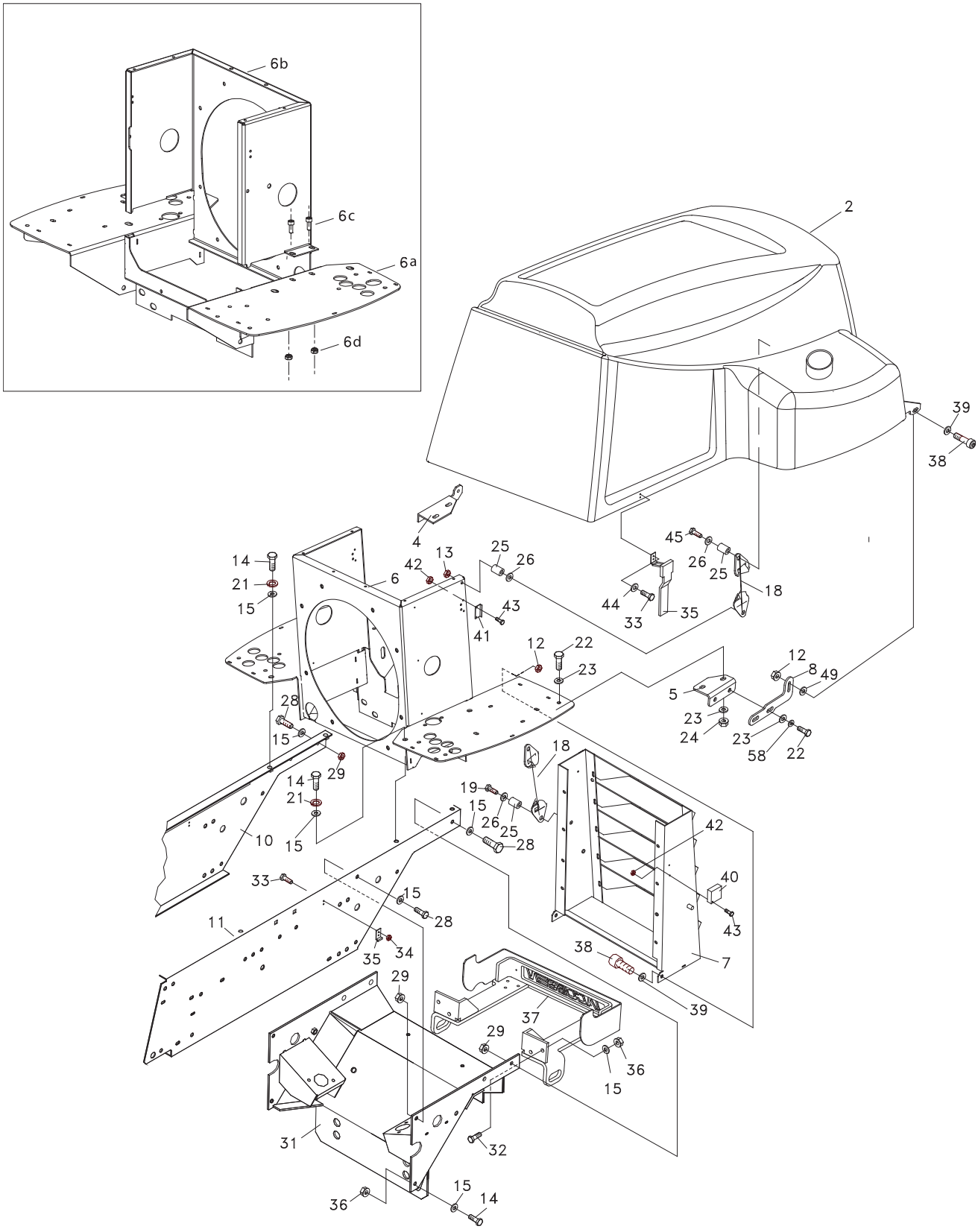
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
2	4131848	Hood-GRP Jacobsen Orange	1	
4	4132138	Hinge-adj RH	1	
5	4132135	Hinge-adj LH	1	
6	4130735	Wldmt-Fan Shroud	1	Up To S/N EB000551
6A	4168242	Wldmnt-Fan Shroud	1	From S/ N EB000552
6B	4168243	Fan Shroud	1	From S/ N EB000587
6B	4189567	Fan Shroud	1	From S/N EB000587
6C	450738	Bolt - hex M12 x 25	2	From S/ N EB000552
6D	450379	Nut HexM10 Nyloc	2	From S/N EB000552
7	MBF1911	Radiator Support	1	
7A	4131981	Wldmt-Louvre Panel	1	
8	4132137	Hinge Plate	2	
10	4125219	Wldmt-RH Frame Rail	1	
11	4125141	Wldmt-LH Frame Rail	1	
12	450120267	Nut Hex3/8-16 Nyloc	4	
13	450378	Nut HexM8 Nyloc	4	
14	450241	Screw HexM12 X 30	2	
15	450392	Washer-M12 X 24 X 2.7	8	
18	602904	Steel cord Lanyard	2	From S/N: EA000871, EB000608.
19	450191	Scrw HexM8 X 20	4	
21	452200176	Lock Washer-1/2 X .873 X .125	8	
22	450214	Scrw HexM10 X 25	2	
23	450391	Washer-M10 X 21 X 2.2	8	
24	450379	Nut HexM10 Nyloc	2	
25	113006-01	Bushing-.5x.32x.19 Lg	4	
26	MBA5289A	Washer-8.5 X 25.5 X 3	4	
28	450239	Scrw HexM12 X 20	3	
29	450455	Nut HexM12 Verbus Ripp	3	
31	4125539	Wldmt-Rear Axle Support	1	
32	450048	Bolt HexM12 X 40	4	
33	450542	Scrw-pan Hd M6 X 20	8	
34	450376	Nut HexM5 Nyloc	4	
35	W178142	Latch-Rubber	2	
36	450380	Nut HexM12 Nyloc	7	
37	4130564	Wldmnt-Bumper Ransomes	1	
37	4130573	Wldmnt-Bumper Jacobsen	1	
*	4130888	Backing Plate - Jacobsen Bumper	1	
*	4130887	Backing Plate - Ransomes Bumper	1	
38	64166-17	Blt-shldr 3/8-16x1.12	4	
39	MAA0335A	Washer-17/32 X 25mm X 3/16	2	
40	MBB6845A	Toggle	2	
41	009079280	Hook	2	
42	64025-29	Nut Hex 8-32 Keps	8	
43	001191140	Scrw-RND HD No.8-32 X 1/2	4	

* Not Illustrated

5 FRAME - REAR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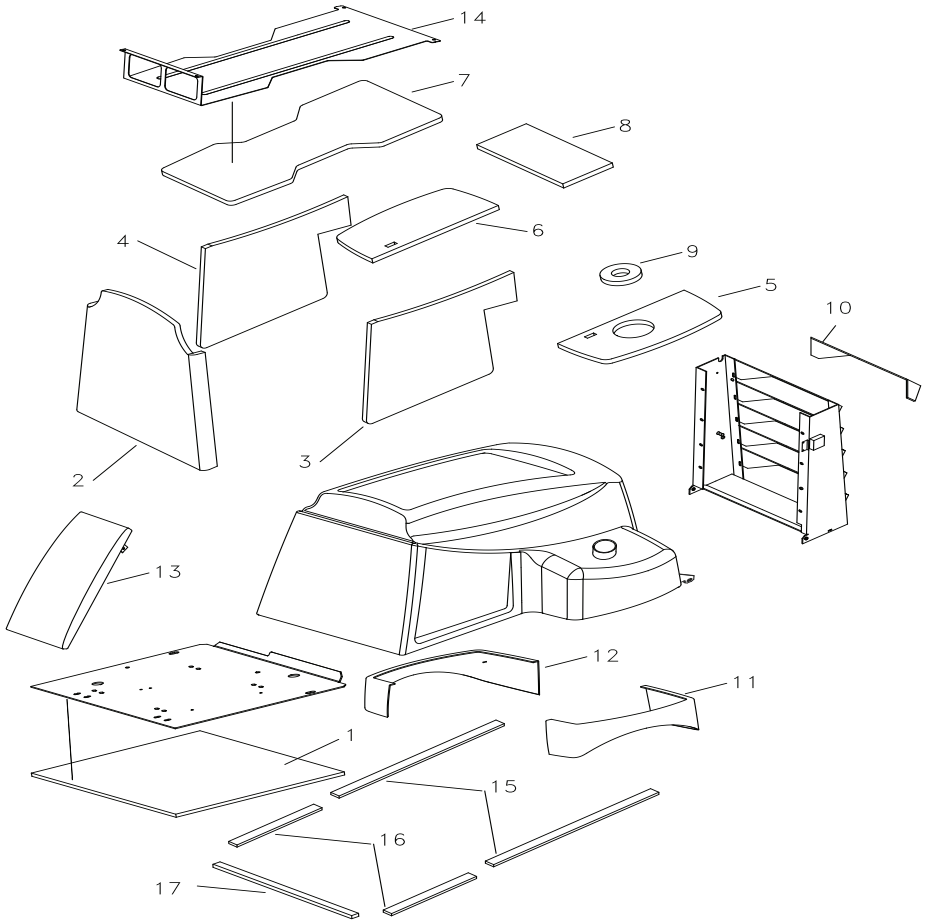
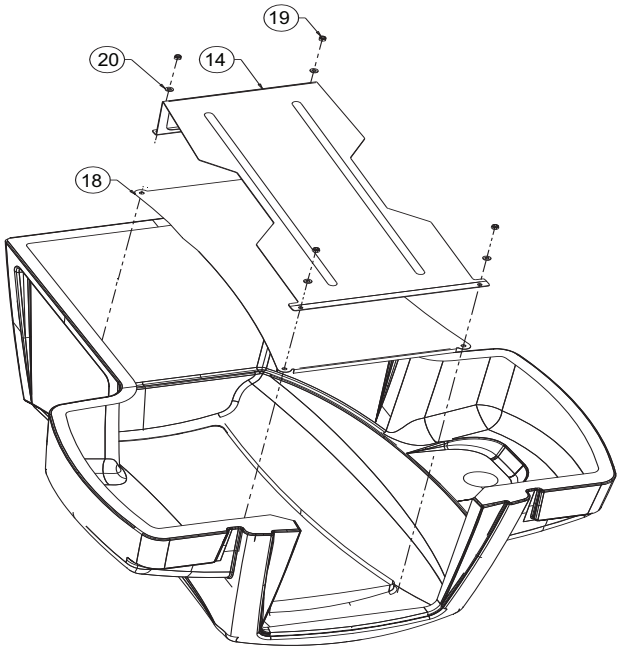
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
44	64002-02	Lock Washer-TH,Ext,#10	4	
45	450190	Scrw HexM8 X 16	8	
49	001594080	Washer-.516 X .750 X 12ga	2	
56	MBG6194	Latch Hood	2	
58	450213	Screw HexM10 x 20	4	
59	450412	Washer-Spring M10	4	
60*	4170541	Access Panel	1	

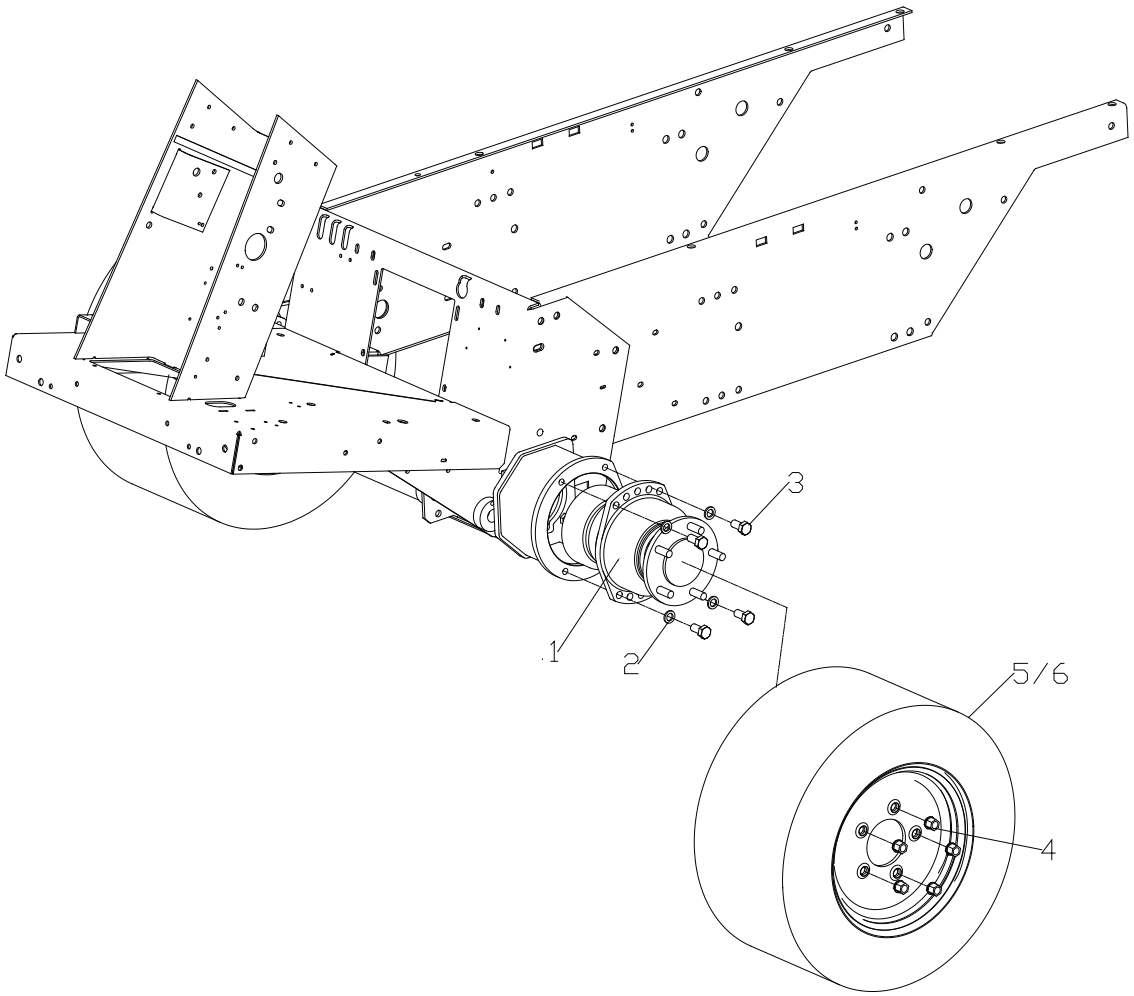
6 HOOD





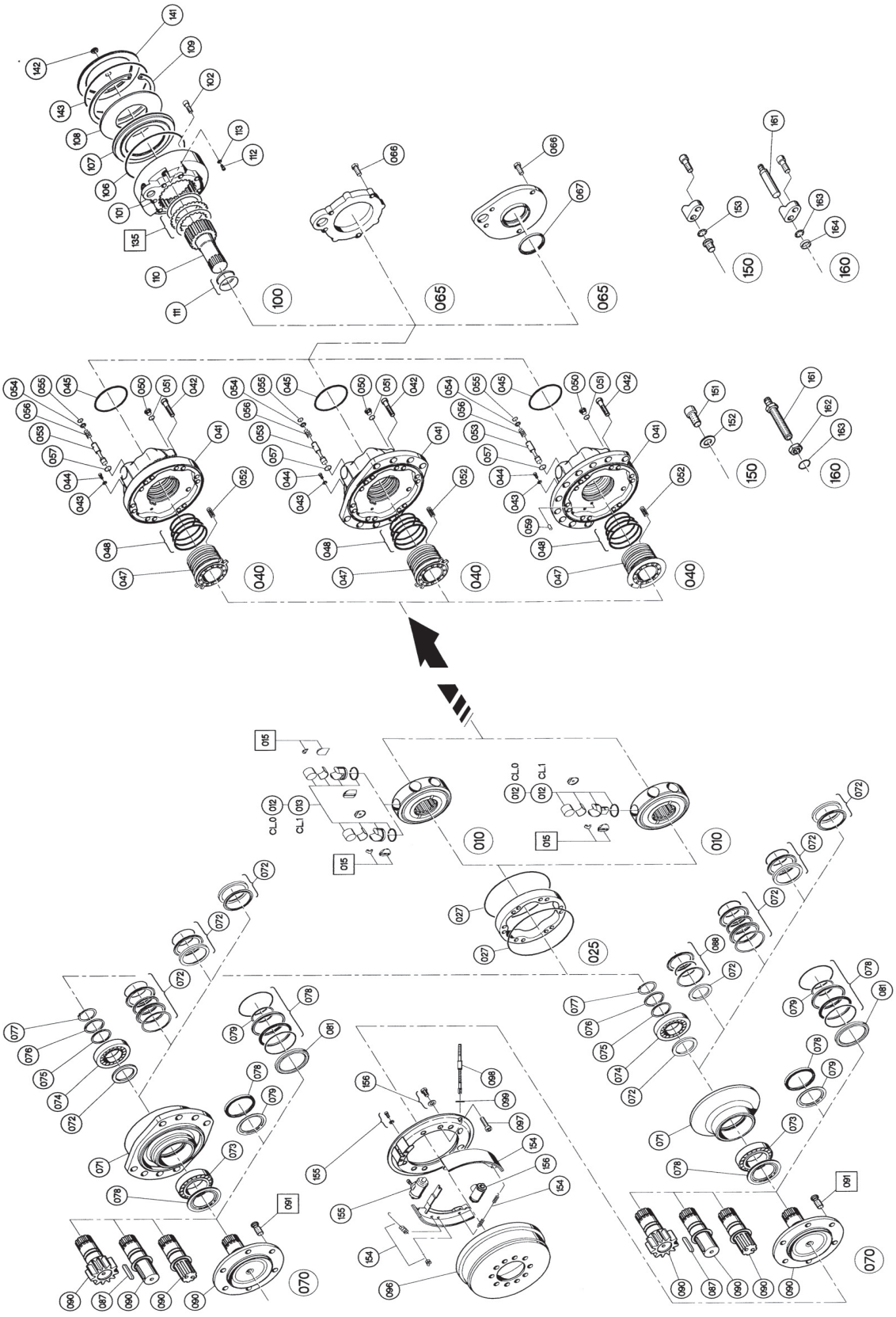
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	4143945	Insulation-Seat Plate	1	
	AC020	Acoustic Kit		
2	4131906	Acoustic Pad-Interior Front Panel	1	
3	4131907	Acoustic Pad-Interior LH Side Panel	1	
4	4131910	Acoustic Pad-Interior RH Side Panel	1	
5	4131911	Acoustic Pad-Interior LH Fender	1	
6	4131912	Acoustic Pad-Interior RH Fender	1	
7	4131913	Acoustic Pad-Interior Baffle Plate	1	
8	4131914	Acoustic Pad-Interior Top Rear panel	1	
9	4132061	Acoustic Pad-Interior Air Cleaner Inlet	1	
10	2218111	Insulation-louver	5	
11	4131699	Cover-Rear Fender LH	1	
12	4131706	Cover-Rear Fender RH	1	
13	4130370	Cover-Tower Ransomes Green	1	
13	009135950	Cover-Tower Jacobsen Orange	1	
14	4131275	Plate-Baffle	1	
15	4132019	Strip-Rubber Side Rails	2	
16	4142706	Strip-Rubber	2	
17	4143306	Strip-Trim Seal	1	

FRONT AXLE



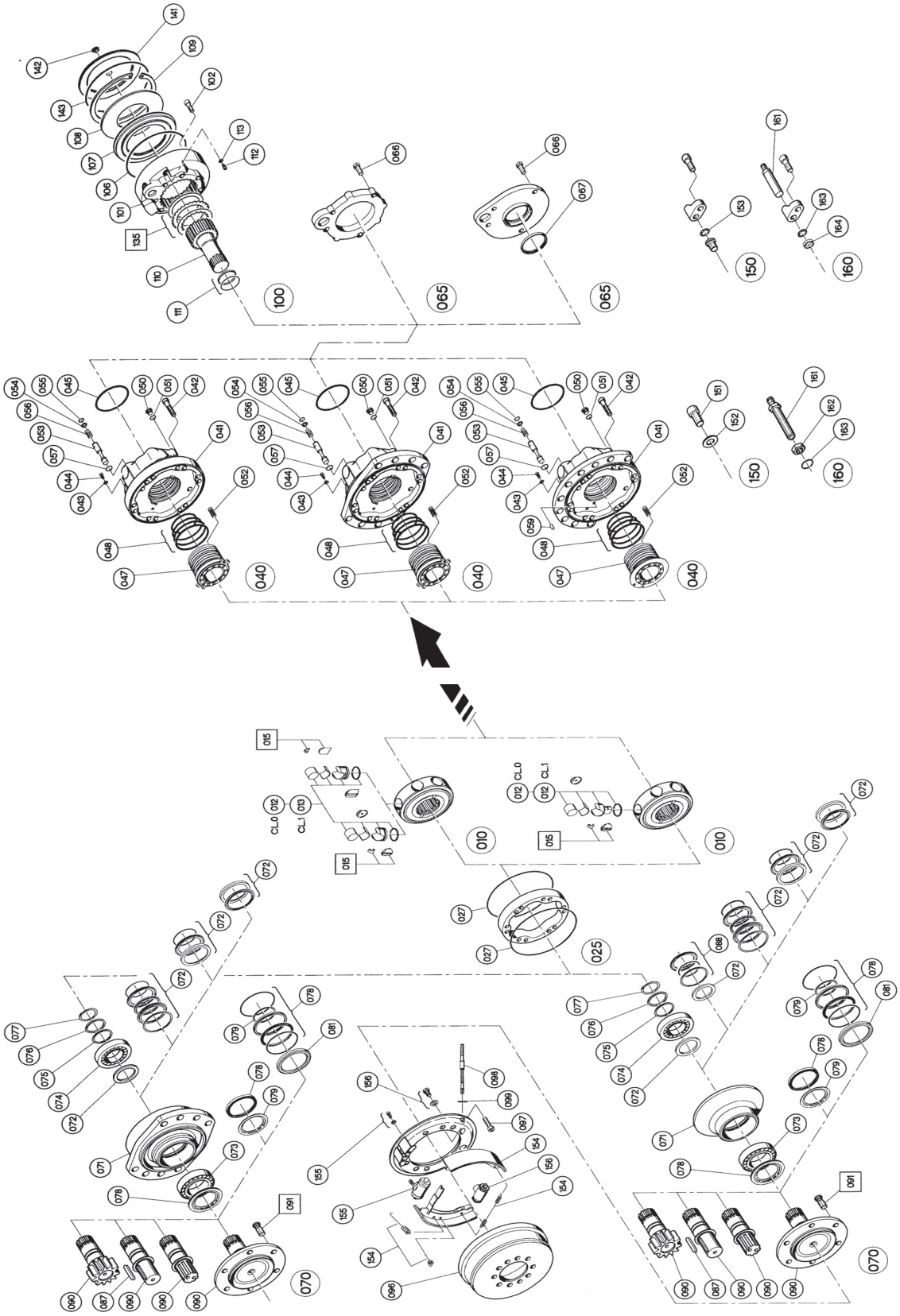
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	008007240	280cc Piston Wheel Motor	2	to S/N EB000613
1	4228800	Kit-Front Wheel Motor	2	from S/N EB000614
*	4229520	• Motor Seal Kit	1	
*	4229521	• Multi-Disc Brake Seal Kit	1	
2	001594200	Spring Washer M14	8	
3	00191160	Hex Screw M14x30 Fine Thread	8	to S/N EB000613
3	4228802	Capscrew-Sckt M14-1.5 x 30	8	from S/N EB000614
4	008008460	Wheel Nut	10	Torque 95 - 108NM
5	4301574	Wheel & Tyre 20x10x8 6 Ply	2	
*	4293444	1 Piece Rolled Rim- 8 X 7	2	
*	4233942	Tyre 20x10x8-6 Ply Otr Grassmaster	2	
*	4220940	Tyre Vale Tubeless	2	
6	4237065	Wheel Assembly WL051 Ultra Chevron	2	
*	4233940	Tyre 24x13x12-6 Ply Ultra Chevron	2	
*	4222543	Rim 12x10.5 5 stud mount	2	
*	4220940	Tyre Vale Tubeless	2	

7a FRONT WHEEL MOTOR (to Serial No EB000613)



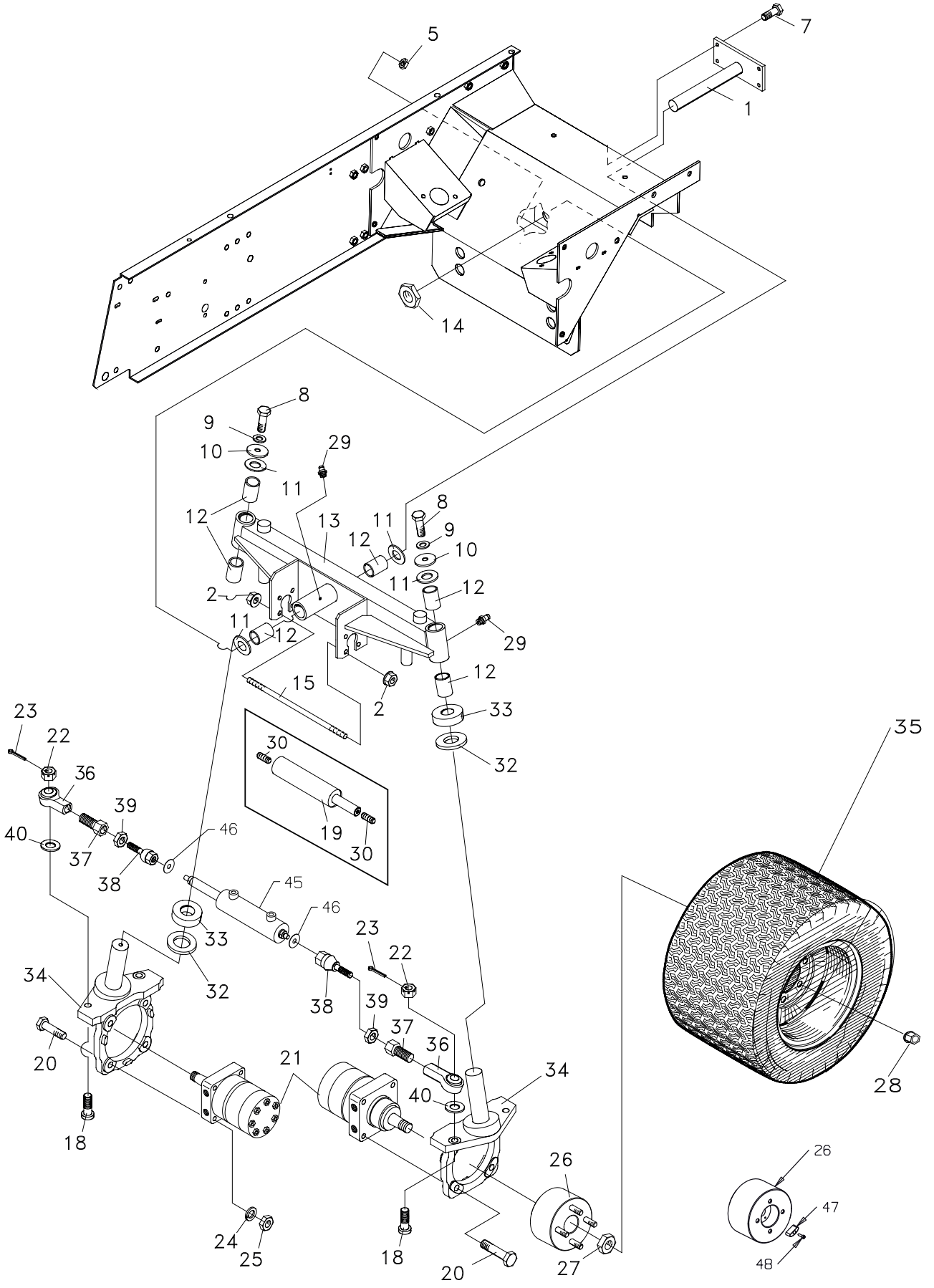
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
001	A808966	Seal kit	1	
002	A808967	Seal kit	1	
010	A808968	Cylinder-block Assy.	1	
	N/A	• Piston Sub-assy.CI.0		
	N/A	• Piston Sub-assy.CI.10		
015	A808969	Repair Kit.	1	
025	A808970	Cam Assy.	1	
027	N/A	• O-ring.		Part Of Seal Kit 001 & 002
040	A808971	Valving Cover Assy.	1	
041	N/A	• Valving Cover Part.		
042	N/A	• Screw.		
043	N/A	• Seal Washer.		Part Of Seal Kit 001 & 002
044	N/A	• Screw.		
045	N/A	• O-ring.		Part Of Seal Kit 001 & 002
047	N/A	• Valving.		
048	N/A	• Seal Kit.		Part Of Seal Kit 002
050	N/A	• Plug.		
051	N/A	• O-ring.		
052	N/A	• Spring.		
053	N/A	• Valve Spool.		
054	N/A	• Washer.		
055	N/A	• Snap Ring.		
056	N/A	• Spring.		
057	N/A	• O-ring.		Part Of Seal Kit 001 & 002
059	N/A	• Pin.		
065	A808972	Cover Plate.	1	
066	N/A	• Screw.		
067	N/A	• Sealing Ring.		
070	A808973	Bearing Support Assy.	1	
071	N/A	• Bearing Support.		
072	N/A	• Radial lip Seal.		Part Of Seal Kit 001 & 002
073	N/A	• Roller Bearing.		
074	N/A	• Roller Bearing.		
075	N/A	• Set Of Shims.		
076	N/A	• Thrust Ring.		
077	N/A	• Snap Ring		
078	N/A	• Lip Seal		Part Of Seal Kit 001 & 002
079	N/A	• Deflector		Part Of Seal Kit 001 & 002
081	N/A	• Seal Support		
087	N/A	• Key		
090	N/A	• Shaft		
096	N/A	• Drum Brake.		
097	N/A	• Screw.		
098	N/A	• Brake Cable.		

7a FRONT WHEEL MOTOR (to Serial No EB000613)



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
099	N/A	• Snap Ring.		
091	A808975	Set of Studs.	1	
100	A808974	Brake Assy.	1	
101	N/A	Brake Body.		
102	N/A	Screw.		
106	N/A	O-ring.		Part Of Seal Kit 001 & 002
107	N/A	Brake Piston.		
108	N/A	Spring washer.		
109	N/A	Snap Ring.		
110	N/A	Brake Shaft.		
111	N/A	Seal.		Part Of Seal Kit 002
112	N/A	Screw.		
113	N/A	Sealing Ring.		Part Of Seal Kit 001 & 002
141	N/A	Protector.		Part Of Seal Kit 002
142	N/A	Plug.		Part Of Seal Kit 002
143	N/A	O-ring.		Part Of Seal Kit 002
135	A808976	Brake lt.	1	

8 REAR AXLE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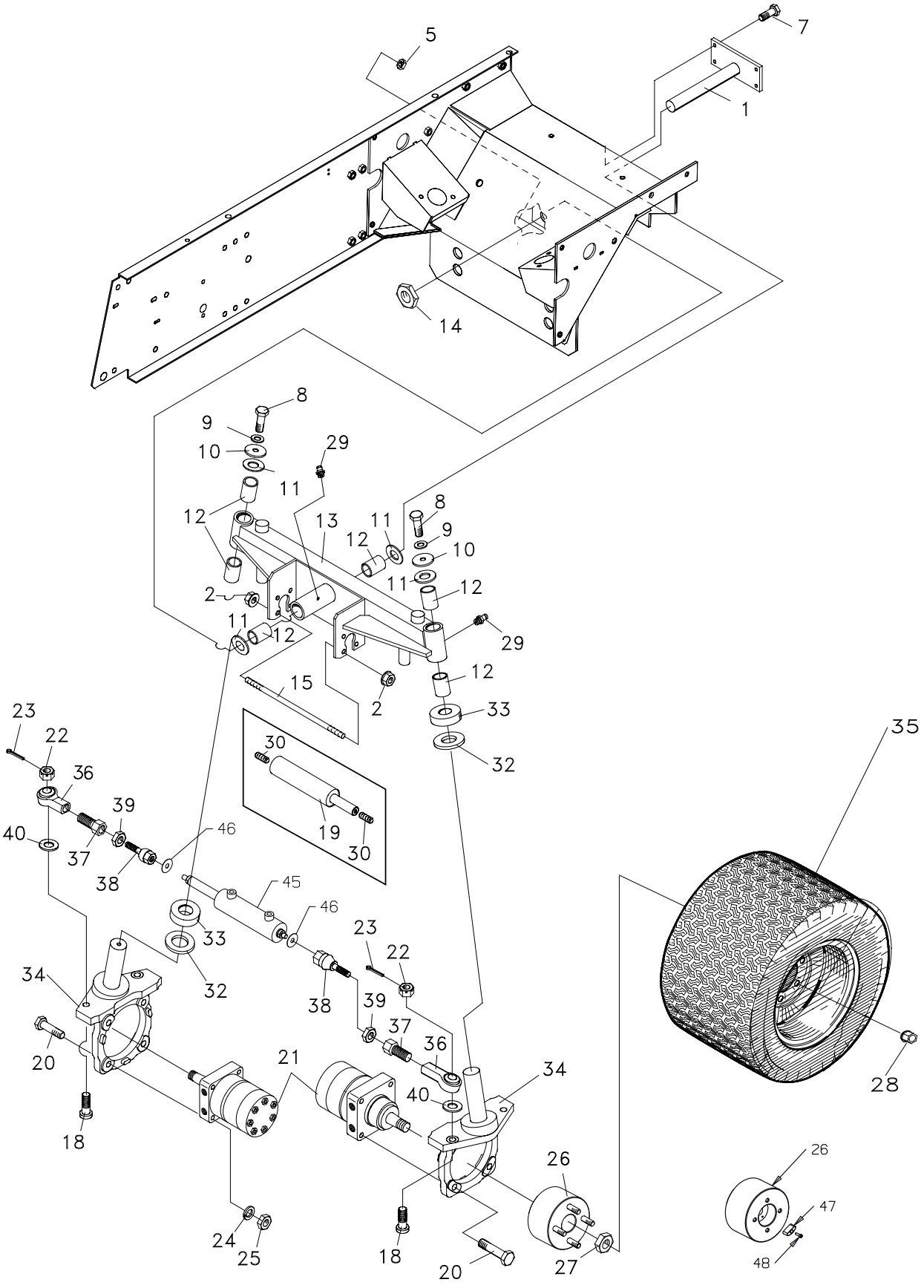
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		FROM S/N EA001133 see 8a		
1	W176078	Pivot Pin	1	
2	64141-4	Nut-wlf 3/8-16	8	
2	450454	Nut- M10 Verbus Ripp	8	After EB 000410
7	450193	Scrw HexM8 X 30	4	
7 *	450390	Washer-M8 X 17 X 1.8	4	
7 *	450378	Nut HexM8 Nyloc	4	
8	456110595	Scrw Hex3/8-16 X 3/4	2	
9	452200134	Lock Washer-3/8 X .683 X .094	2	
10	64163-17	25/64 X 2 X 11ga Washer	2	
11	62464-4a	Washer,Thrust 1.25x1.9	6	
12	W108003	Brg 1.5x1.25x1.25	6	
13	2216077	Wldmt-rear Axle	1	
14	001393820	Nut Hex1.1/4-12 Nyloc	1	
15	W173033	Rod-Threaded	4	
15	4138709	Rod Threaded M10	4	After EB 000410
18	2213041	Stud	2	
19	W148404	Cylinder-p.s.	1	To S/N EA000875-EB000611-DZ000438
*	002300810	• Seal Kit	1	
20	451110354	Bolt Hex1/2-13 X 3	8	
21	W148141-03	Motor - ME15-02-08-AAAA	2	
22	450020516	Nut Hex3/4-16 Slotted	2	
23	454000328	Split Pin-1/8 X 1-3/4	2	
24	452200176	Lock Washer-1/2 X .873 X .125	8	
25	450120055	Nut Hex1/2-13	8	
26	4131985	Wldmt-Hub,Wheel	2	
26	4192801	Wheel Hub	2	
*	456800237	Wheel Studs 1/2" - 20 x 1 1/2"	8	Use Loctite 243
*	450971	Set Screw M8 x 20	4	Use Loctite 243
*	450968	Set Screw M8 x 10	2	Use Loctite 243
27	008000640	Locknut 1-20 Unef	2	Torque 270Nm
28	001341110	Nut-whl 1/2-20 60d	8	Torque 95 -108NM
29	842000044	Lubricator-1/4" Str	3	
30	W143069	Stud-cylinder	2	
32	MBE1693	Washer-king Pin	2	
33	002029050	Thrust Bearing	2	
34	2211004a	Plate-Motor	2	
35	4301574	Wheel & Tyre Assy - 20x10x8 4 Bolt	2	
*	4293444	1 Piece Rolled Rim- 8 X 7	2	
*	4233942	Tyre 20x10x8-6 Ply Otr Grassmaster	2	
*	4220940	Tyre Valve Tubeless	2	
36	2188234	Rod-end	2	Superceded By LMAC341
36	4202620	Rod-End	2	From EA000876-EB000612-DZ000439
38	4205440	Link-Steering	2	

8 REAR AXLE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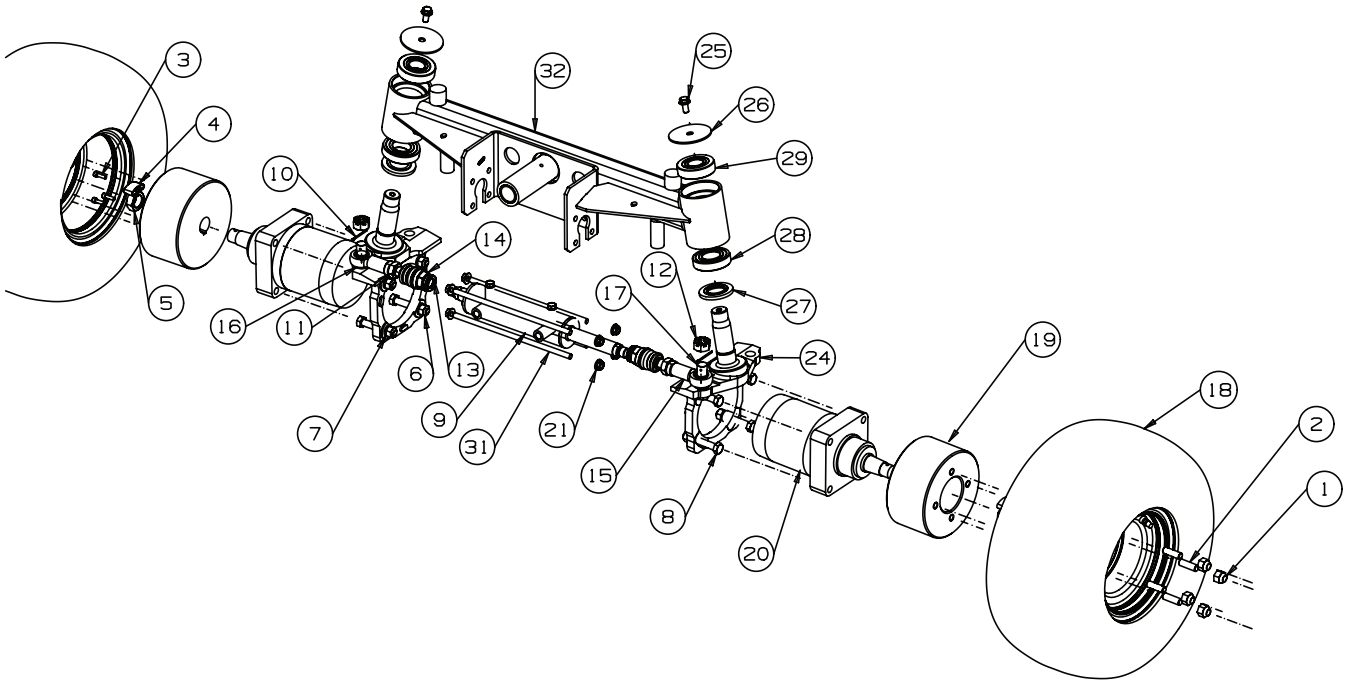
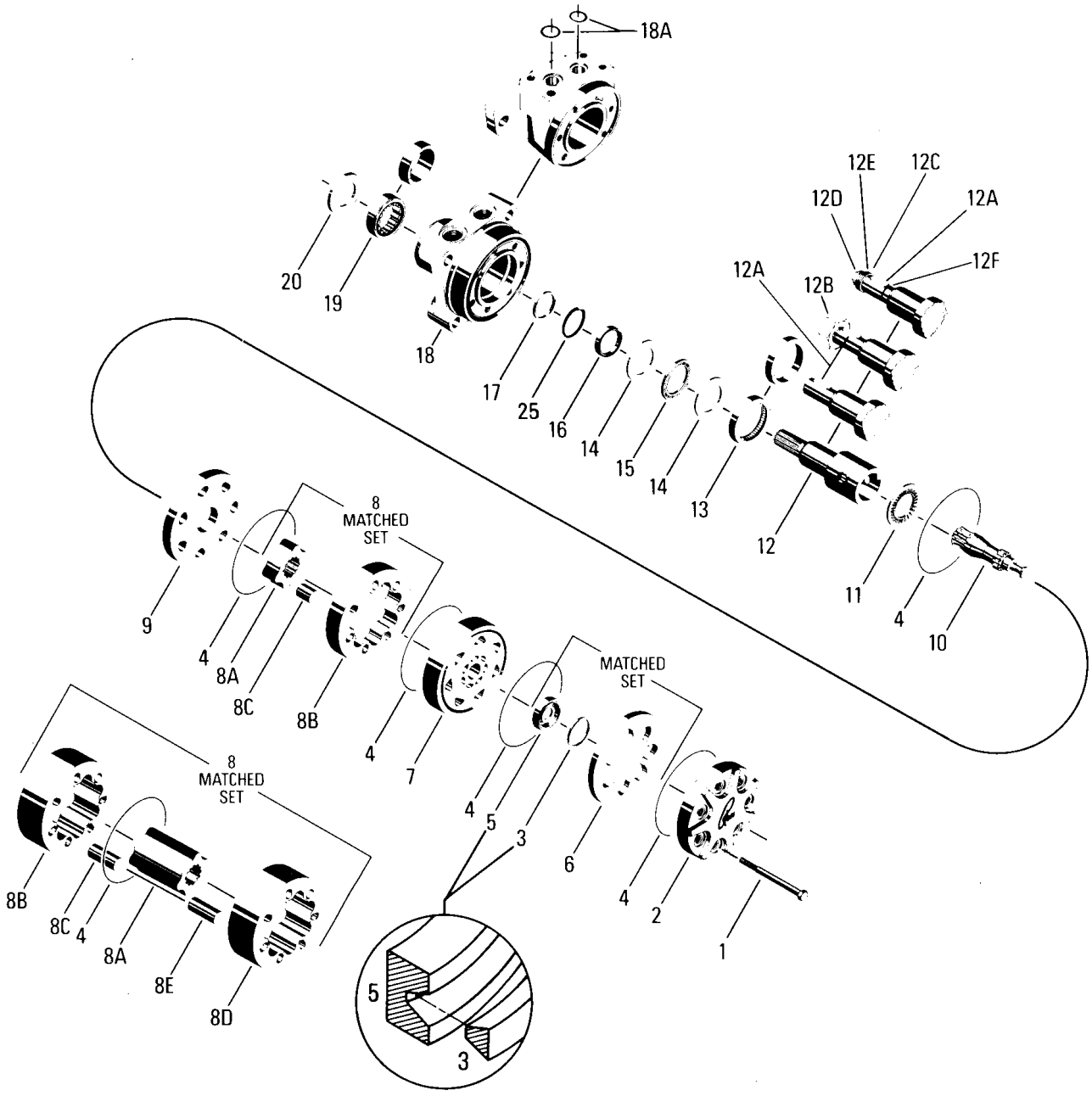
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
39	450020354	Nut Hex3/4-16 Thin	2	
40	001599028	Washer, 49/64	"AR	
40	4179882	Spacer	2	From EB000612-DZ000439-EA000876
45	4205080	Cylinder P.S	1	To EA000875-EB000611-DZ000438
*	002300810	• Seal Kit	1	
45	4244291	D/A Hyd Cyl, 50 x 122, Steering	1	From EA000876-EB000612-DZ000439
*	4291656	Seal Kit for 4244291		
46	4205560	3/4 Tab Washer	2	
47	4192800	Hub Nut Lock	2	
48	4183560	Capscrew M6 x 20 c/w Tuflock 180	2	

8a REAR AXLE with DEEP GROOVE BALL BEARINGS



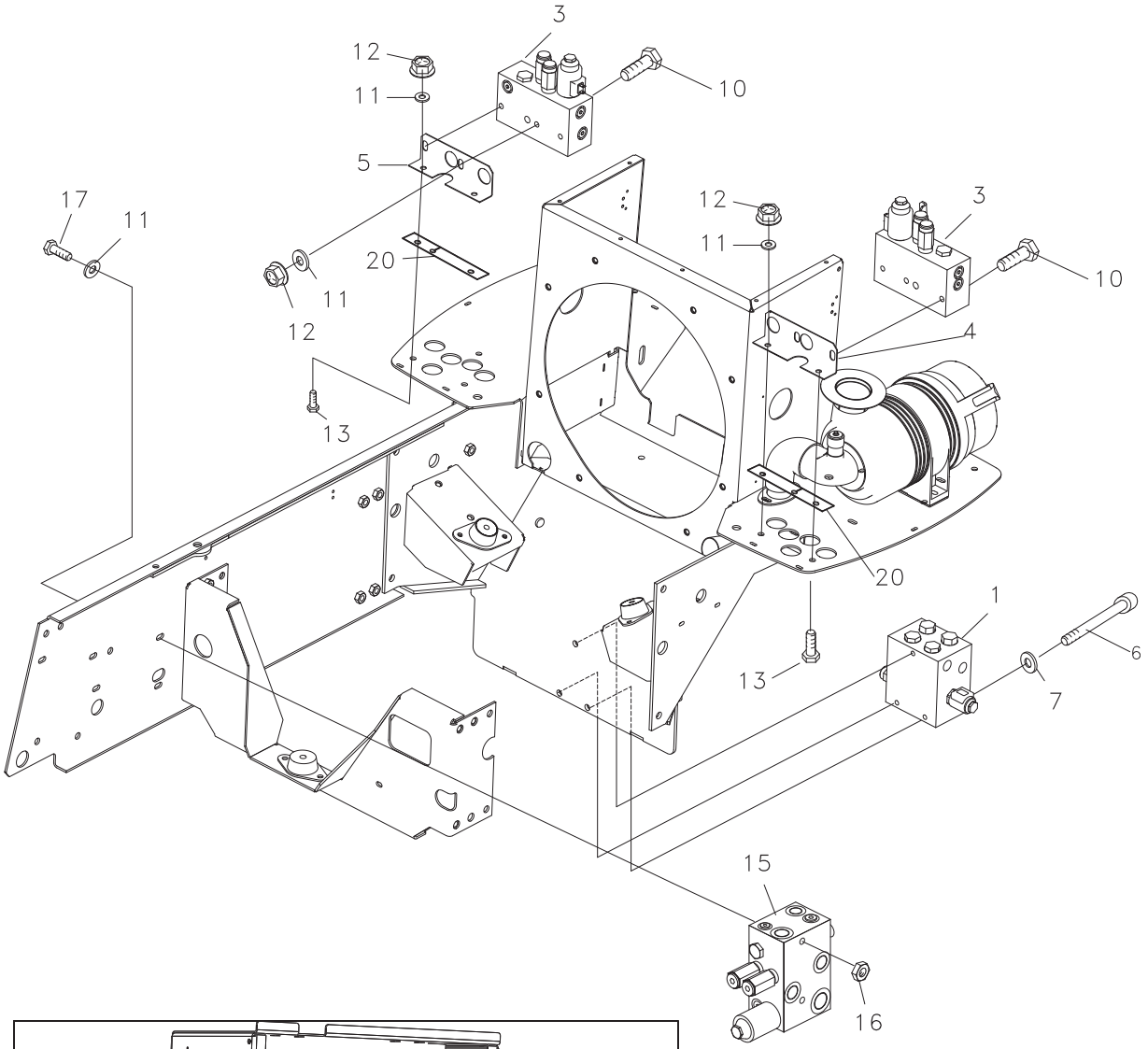
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		FROM SERIAL NUMBER EA001133		
1	001341110	Nut Wheel	8	
2	456800237	Stud-1/2-20x1-1/2	8	
3	4183560	Cap Screw M8x20 C/w Tuflok 180	6	
4	4192800	Hub Wheel Nut	2	
5	008006260	Wheel Motor Nut 1"-20 Unf	2	
6	450120055	Nut Hex1/2-13, Gr 1	8	
7	452200176	Lockwasher-1/2 X .873 X .125	8	
8	451110354	Bolt Hex1/2-13 X 3, Gr S	8	
9	4244291	Steering Ram	1	
10	454000328	Split Pin-1/8 X 1-3/4	2	
11	450020354	Nut Hex3/4-16, Gr 1, Thin	2	
12	450020516	3/4-16unf Slotted Nut	2	
13	4272210	Av Washer-20 X 30.7 X 3.4	2	
14	4205440	Steering Link	2	
15	4202620	Rod End-female 3/4	"2	
16	4179882	Spacer	2	
17	2213041	Stud	2	
18	4301574	Wheel & Tyre Assy - 20x10x8 4 Bolt	2	
*	4293444	1 Piece Rolled Rim- 8 X 7	2	
*	4233942	Tyre 20x10x8-6 Ply Otr Grassmaster	2	
*	4220940	Tyre Valve Tubeless	2	
19	4300971	Wheel Hub, Rear	2	
20	W148141-03	Motor	2	
21	450454	Nut HexM10-1.5	8	
24	4272132	Wldmnt - Motor Mount Universal	1	
26	450477	Screw HexM10-1.5 X 20	2	
27	Mba2397a	Washer-11 X 82 X 3	2	
28	4200322	Washer-king Pin	2	
29	002036070	Brg-ball 35 X 72 X 17 (6207-2rs)	2	
30	002037061	Brg-ball 30 X 72 X 19 (6306-2rs)	2	
31	4138709	Tie Rod	4	
32	4267470	Wldmt-rear Axle	1	

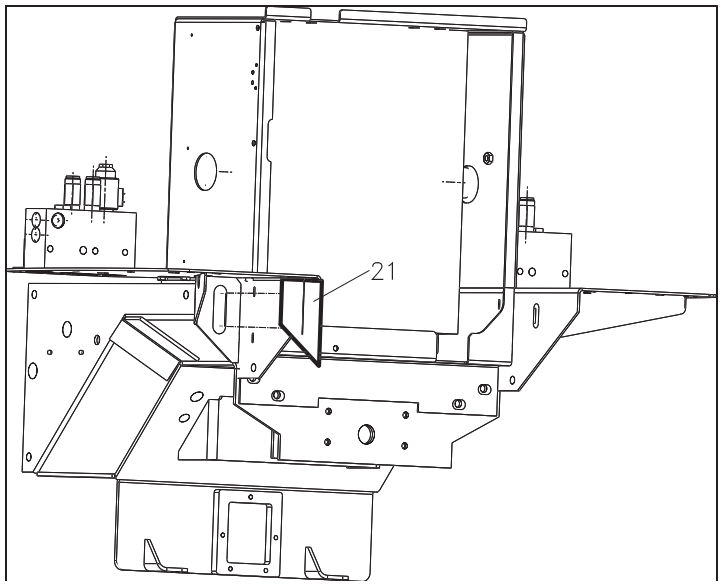
8b REAR WHEEL MOTOR



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
A	W148141-03	Motor	1	ME15-02-08-AAAA
1	A800664	Special Bolts	7	
2		End Cover	1	
3	N/A	Seal Ring-Commutator	1	Contained In Seal Kit A820052
4	N/A	Seal Ring	5	Contained In Seal Kit A820052
5		Commutator	1	
6		Commutator Ring	1	
7		Manifold	1	
8	A800826	Rotor Set	1	
9		Wear Plate	1	
10	A800825	Drive Link	1	
11		Thrust Bearing	1	
12	A800824	Coupling Shaft	1	
13		Bearing/Bushing,Inner	1	
14		Thrust Washer	1	
15		Thrust Bearing	1	
16	N/A	Seal	1	Contained In Seal Kit A820052
17	N/A	Backup Washer	1	Contained In Seal Kit A820052
18		Housing	1	
19		Bearing/Bushing, Outer	1	
20	N/A	Dirt & Water Seal	1	Contained In Seal Kit A820052
25	N/A	Backup Washer	1	Contained In Seal Kit A820052
B	A820052	Seal Kit	1	

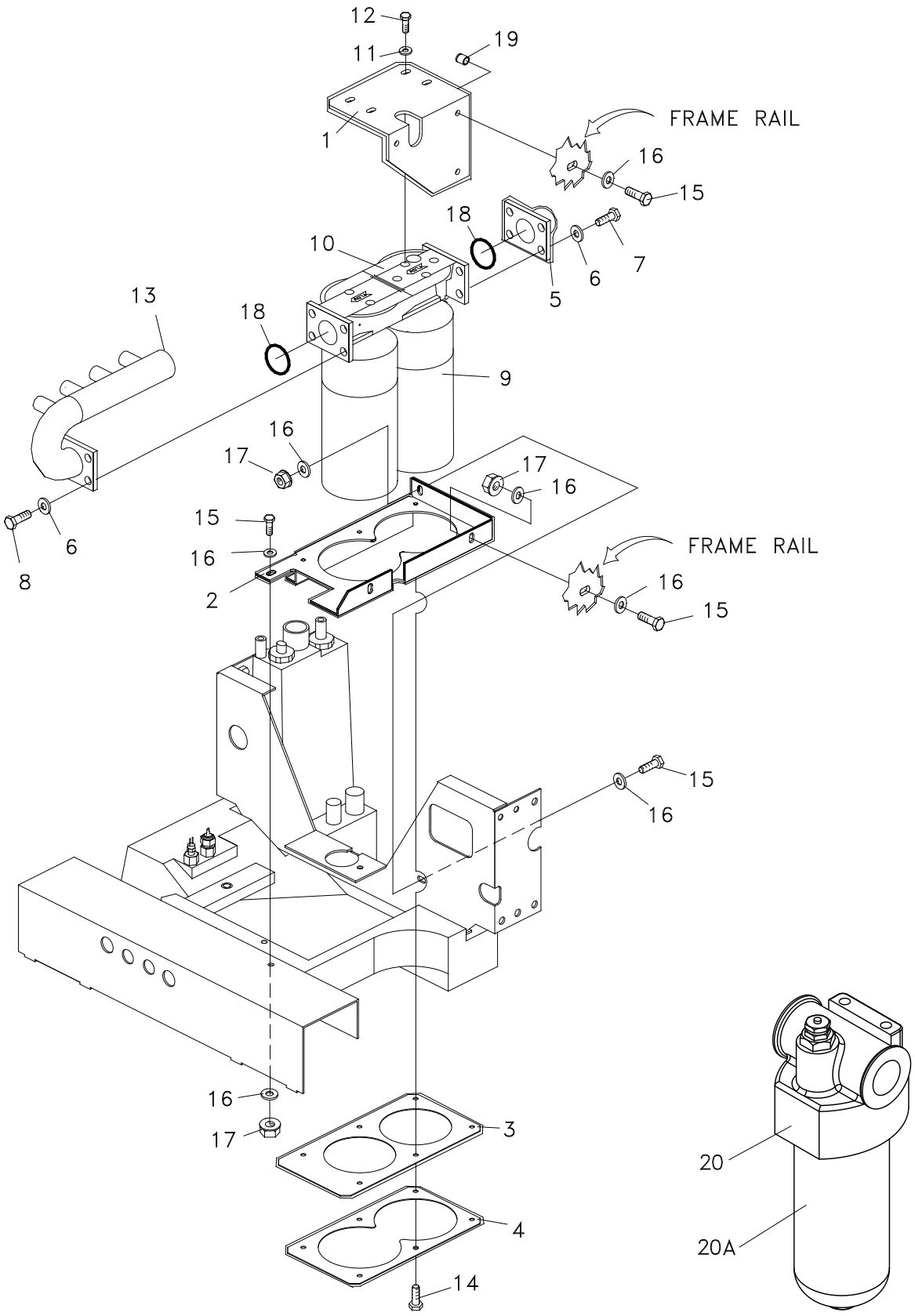
9 HYDRAULIC VALVES





ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	4131525	4wd Manifold Valve	1	Refer To Page 65
3	2218227	Hyd Valve For Wing Deck	2	Refer To Page 67
4	2212049	Bracket-valve Mtg	1	
5	2212092	Bracket-RH Valve Mtg	1	
6	4125581	Screw - Cap Head M8x100	3	
7	450411	Washer - Spring M8	3	
10	450038	Bolt HexM10 X 80	4	
11	450391	Washer-M10 X 21 X 2.2	12	
12	450379	Nut HexM10 Nyloc	8	
13	450213	Scrw HexM10 X 20	4	
14	001090341	Bolt, M10 X 160	1	
15	2218225	Hyd Valve For Front Deck	1	Refer To Page 69
16	450379	Nut HexM10 Nyloc	2	
17	450040	Bolt HexM10 X 90	2	
18	450454	Nut HexM10 Verbus Ripp	2	
19	001090341	Bolt, M10 X 160	1	
20	4140173	Pad-Rubber Seal	2	
21	4140172	Pad-Rubber Seal	1	

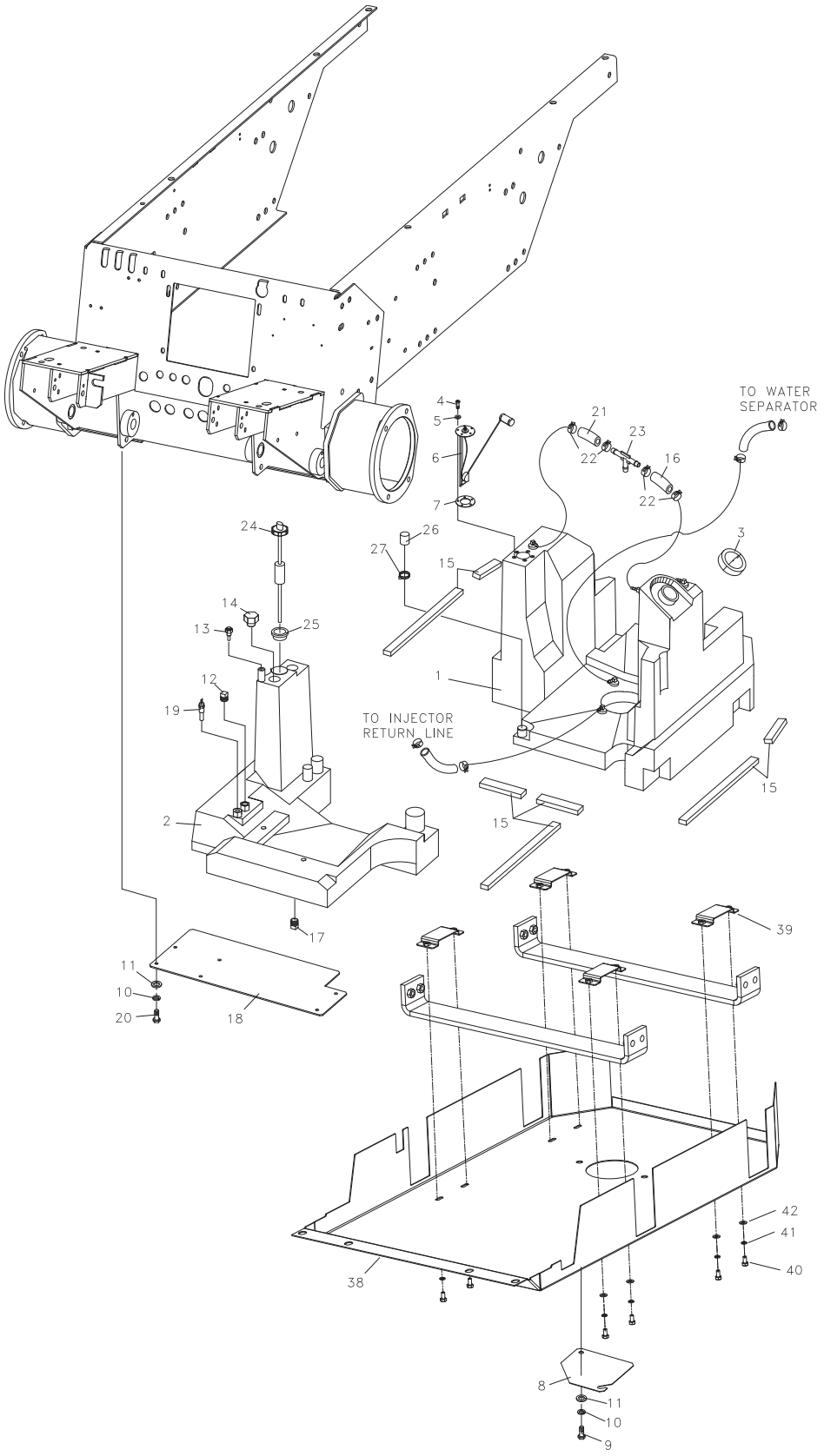
10 HYDRAULIC FILTERS



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	2212075	Bracket-filter-HD	1	
2	2212078	Baffle-filter HD	1	
3	2218043	Seal-filter Baffle	1	
4	2212074	Plate-filter Baffle	1	
5	178043.7	Tube-filter Head	1	
6	452200176	Lock Washer-1/2 X .873 X .125	8	
7	64123-73	Blt Hex1/2-13x1	4	
8	456110090	Scrw Hex1/2-13 X 1-1/4	4	
9	178025	Filter-spin On	2	
10	178024	Filter Head Module	1	
11	452200134	Lock Washer-3/8 X .683 X .094	4	
12	456110066	Scrw Hex3/8-16 X 1	4	
13	4124209	Manifold-Oil Inlet	1	
14	452701	Scrw HexM8 X 16 Taptite	6	
15	450193	Scrw HexM8 X 30	7	
16	001594010	Washer-.328 X .75 X 14 Ga	11	
17	450378	Nut HexM8 Nyloc	4	
18	W158061-05	O-Ring 2.234 Id X .139 Sect	2	
19	450370	Nutsert-M8 A-l X 20.5	3	
20	4252570	Filter, Hydraulic Oil	1	
20a*	4199061	Element	1	Replaces - 008089620-2

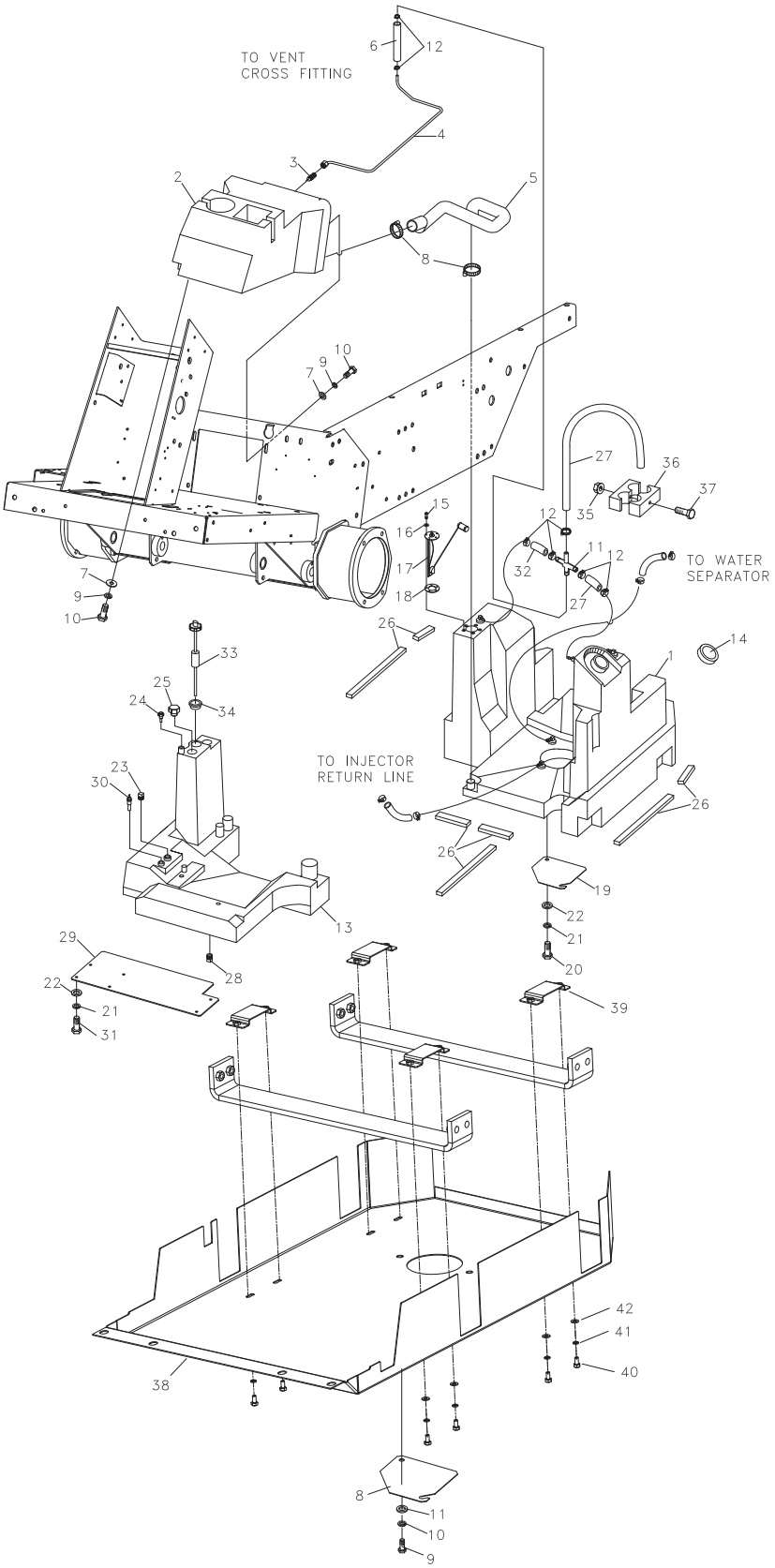
* Not Illustrated

11 FLUID TANKS



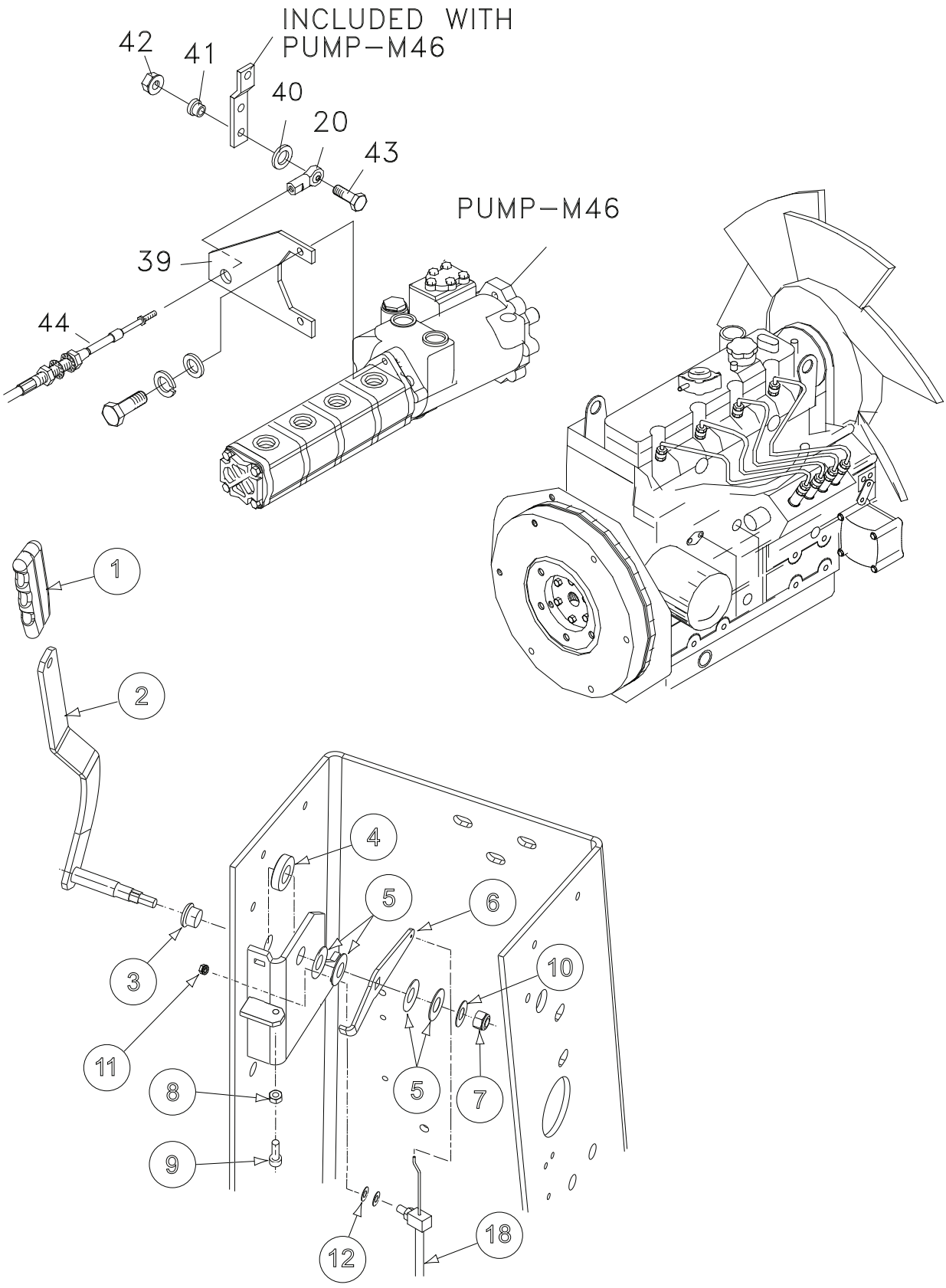
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	2218154	Fuel-tank	1	
2	2218148	Reservoir-hydraulic	1	
3	2218078	Cap-fuel Tank	1	
4	64152-05	10-32x1/2 R Mach Scr	5	
5	64002-02	Lock Washer-tooth,Ext,#10	1	
6	2218046	Sender-fuel Level	1	
7	W148081	Gasket	1	
8	2212087	Cover-access	1	
9	450212	Scrw HexM10 X 16	2	
10	450412	Lock Washer-M10 X 15.9 X 2.5	8	
11	450391	Washer-M10 X 21 X 2.2	8	
12	69051-01	Pipe Plug - 3/8	1	
13	W148027	Breather Vent	1	
14	2690017-01	Ftg-orb Plug 14	2	
15	38471-08	Foam, Closed Cell	7.8'	
16	09007-10	Hose .25x.8.5	1	
17	2690017-03	Ftg-oab Plug	1	
18	2212076b	Support-hyd. Reservoir	1	
19	008296050	Switch, Temp-175 F	1	
20	450214	Scrw HexM10 X 25	6	
21	09007-10	Hose 1/4 X 10.5	1	
22	88042n	Hose Clamp	4	
23	58026	3 Way Connctr 1/4	1	
24	009151460	Gauge-oil Level	1	
25	2218147	Grommet	1	
26	2218162	Cap-rubber 25.4	1	
27	108094-01	Clamp-hose Sae20	1	
38	4143845	Wldmt-Belly Plate	1	
39	4143168	Wldmt-Belly Plate Bracket	4	Part Of LMAC191
40	450190	Screw HexM8 x 16	8	
41	450411	Washer-Spring M8	8	
42	450390	Washer M8	8	

12 OPTIONAL - AUXILIARY FUEL TANK



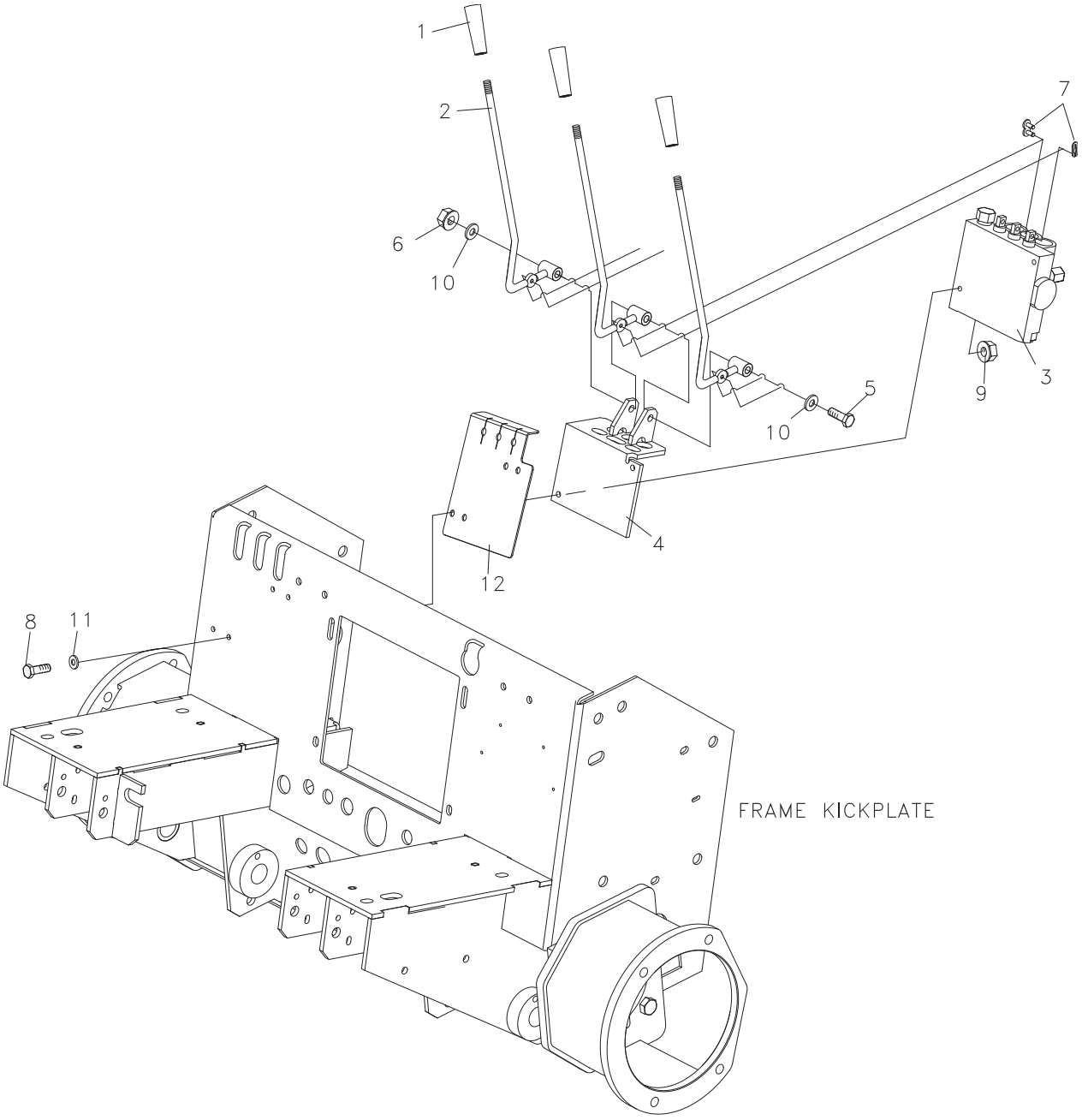
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	2218154	Fuel-Tank	1	
2	2218150	Tank-Auxiliary Fuel	1	
3	158006-15	Fitting-ors/Orb	1	
4	007997210	Hose-Fuel Tank Vent	1	
5	2218153	Hose-Fuel Tank	1	
6	09007-09	S-hose .5x.25x3.0	1	
7	450390	Washer-M8 X 17 X 1.8	3	
8	108094-01	Clamp-hose Sae20	2	
9	64006-02	Lock Washer-helical 5/16	3	
10	450190	Scrw HexM8 X 16	3	
11	2690027	Fitting-1/4 Cross	1	
13	2218148	Reservoir-Hydraulic	1	
14	2218078	Cap-Fuel Tank	1	
15	64152-05	10-32x1/2 R Mach Scr	5	
16	64002-02	Lock Washer-#10	1	
17	2218046	Sender-Fuel Level	1	
18	148081	Gasket	1	
19	2212087	Cover-access	1	
20	64205-041	Blt-metric M10-1.5x15	2	
21	64006-06	Lock Washer-helical 7/16	8	
22	64251-004	Whsr-M10	8	
23	69051-01	Pipe Plug - 3/8	1	
24	148027	Breather Vent	1	
25	2690017-01	Ftg-orb Plug 14	2	
26	38471-09	S-foam X 120	7.8	
27	09007-08	S-hose .5x.25x17.0	2	
28	2690017-03	Ftg-orb Plug -06	1	
29	2212076B	Support-hyd. Reservoir	1	
30	2218136	Switch-Temp-165f	1	
31	450214	Scrw HexM10 X 25	6	
32	09007-06	S-hose .5x.25x9.0	1	
33	009151460	Gauge-Oil Level	1	
34	2218147	Grommet-gauge	1	
35	450377	Nut HexM6 Nyloc	1	
36	148090	Support-Tube 1/2	1	
37	450000	Bolt HexM6 X 25	1	
38	4143845	Wldmt-Belly Plate	1	
39	4143168	Wldmt-Belly Plate Bracket	4	Part Of LMAC191
40	450190	Screw HexM8 x 16	8	
41	450411	Washer-Spring M8	8	
42	450390	Washer M8	8	

13 CONTROLS - THROTTLE / PUMP



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	W038404-02	Grip	1	
2	4180220	Lever-Throttle	1	
3	W118047-02	Bushing Flip-lok, 1/2	1	
4	MBF1691	Clamping Collar	1	
5	461901679	Sprg-disc 13 X 28 X 1	4	
6	4179685	Throttle Arm	1	
7	450378	Nut-M8 Nyloc	1	
8	450323	Nut-M6	1	
9	450172	Scrw-M6 x 25	1	
10	450392	M12 Washer	1	
11	450378	Nut HexM8 Nyloc	1	
12	450722	Scrw-Skt M8 x 16	1	
18	4129942	Cable-throttle	1	
20	128079	Rod End, 1/4 Female	1	
39	MBG2938A	Plate Pump	1	
40	MBF1105A	Spacer 6.35x15.88x9.52	1	
41	2213035	Spacer Pump arm	1	
42	64237-02	Locknut Nylon M6x1.00	1	
43	64205.030	Blt Met M6x1.00x40	1	
44	128089-02	Cable, CNTRL 36.50 LG	1	
44	4165781-2	Control Cable	1	from s/n EB000519

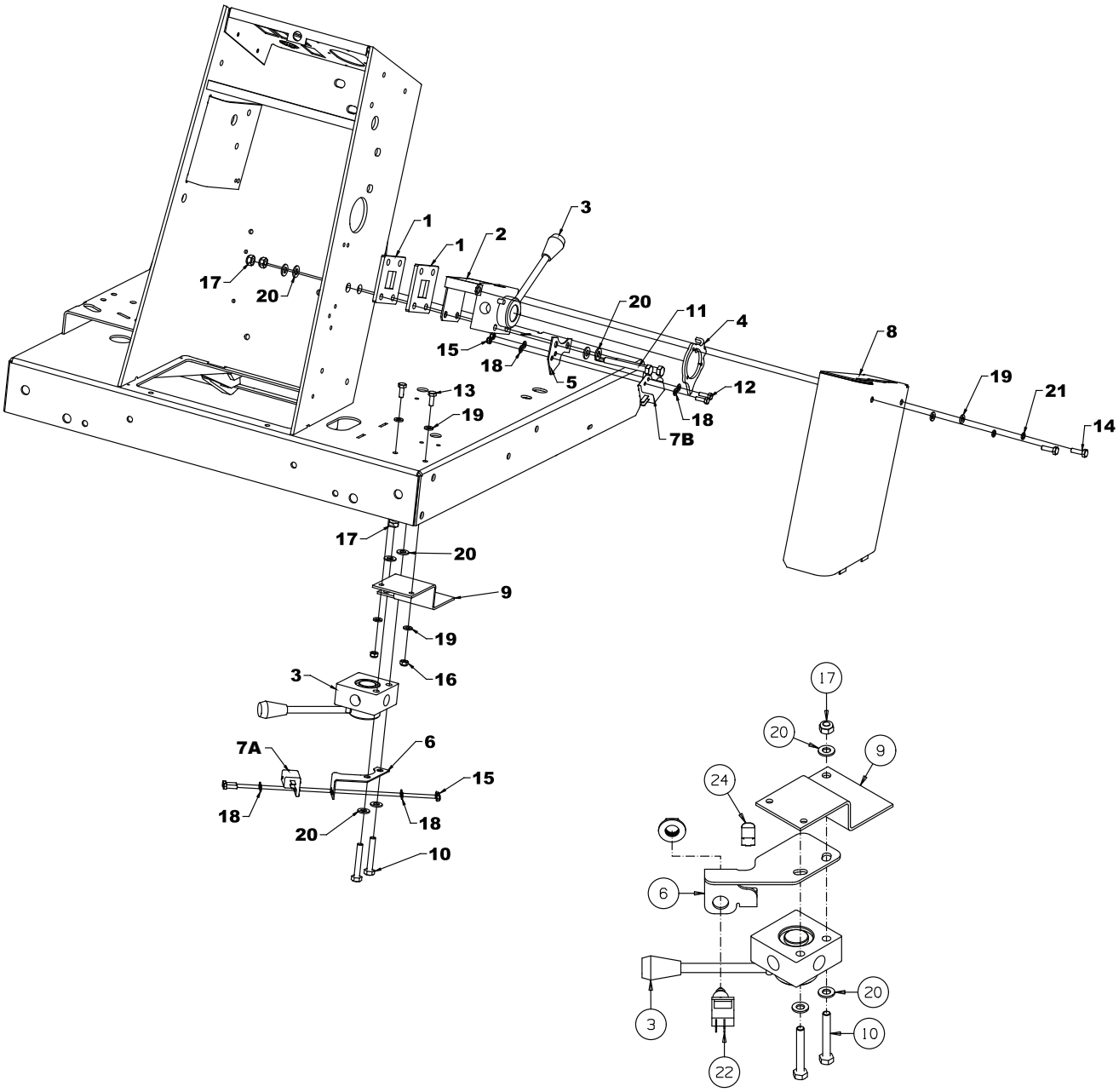
14 CONTROL - LIFT



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	2198109	Knob-lever	3	
2	2216005	Wldmnt-lift Lever	3	
3	2218002	Valve-3 Spool Lift	1	Up To Serial No. EB000586
	2218002-01	• Service Seal Kit	1	Up To Serial No. EB000586
3	4172761	Valve-3 Spool Lift	1	From Serial No. EB000587
	4172763	• Service Seal Kit	1	From Serial No .EB000587
	913010340	• Poppet Assembly	3	H240117
4	2216003	Wldmt-lever Support	1	
5	450043	Bolt HexM10 X 120	1	
6	450379	Nut HexM10 Nyloc	1	
7	W148062	Master Link #50 Chain	3	
8	450006	Bolt HexM6 X 55	2	
9	450377	Nut HexM6 Nyloc	2	
10	450391	Washer-M10 X 21 X 2.2	4	
11	001594080	Washer-.516 X .750 X 12ga	2	
12	4143345	Pad-Rubber Seal Valve	1	

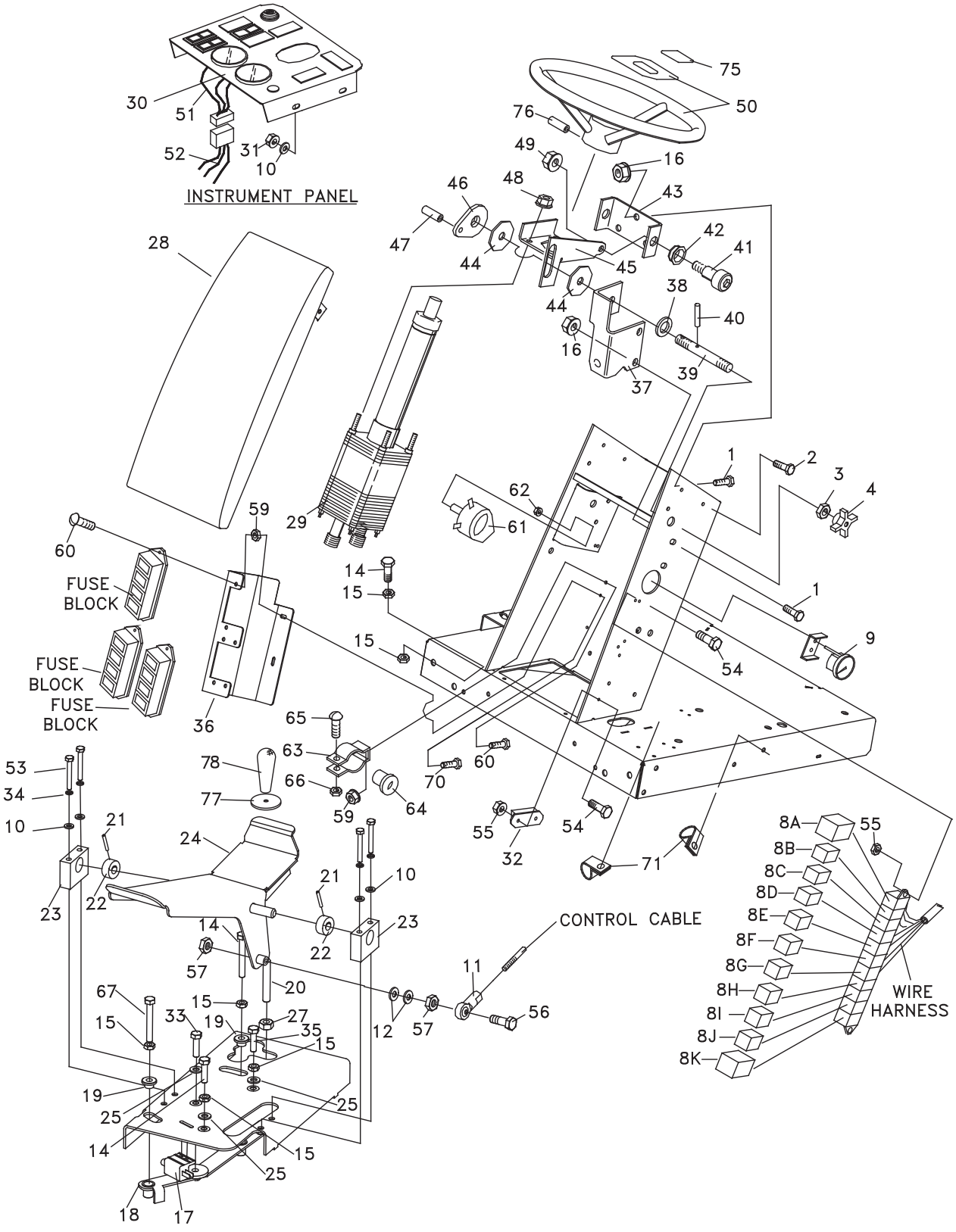
15 CONTROL - BRAKES

Illustration Number: Controls_Brakes.eps



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	MBG4400	Spacer - Plate	2	
2	MBG4399	Bracket - Mount	1	
3	008028345	Hydraulic - Valve	2	
4	MBG5181	M. Switch Actuator	1	
5	MBG5177	Bracket - M. Switch Bracket Valve	1	
6	MBG3284A	Bracket - M. Switch	1	To S/N EB000644
6	4196821	Bracket-Microswitch	1	From S/N EB000645
7A	W38382	Switch, Normally Open (2-way conn)	1	To S/N EB000644
7B	W108208	Switch, Normally Closed (4-way conn)	1	
8	4160701	Cover - Brake	1	
9	MBG3883	Bracket - EBV	1	
10	450018	Bolt - Hex M8x50	2	To S/N EB000644
10	450019	Bolt HexM8-1.25 x 55, Gr 8.8	2	From S/N EB000645
11	450022	Bolt - Hex M8x70	2	
12	450151	Screw - Hex M5x16	4	
13	450170	Screw - Hex M6x16	2	
14	450171	Screw - Hex M6x20	2	
15	450376	Nut - Nyloc M5	4	
16	450377	Nut - Nyloc M6	2	
17	450378	Nut HexM8-1.25, Gr 8, Nyloc	2	
18	450388	Washer - Plain M5	8	
19	450389	Washer- Plain M6	4	
20	450390	Washer-M8 x 17 x 1.8	8	
21	450410	Washer - Spring M6	2	
22	4235682	N/O Sealed Switch	1	From S/N EB000645
22	4142766	5/8-18 UNF Plastic Nut	1	From S/N EB000645 - for 4142765

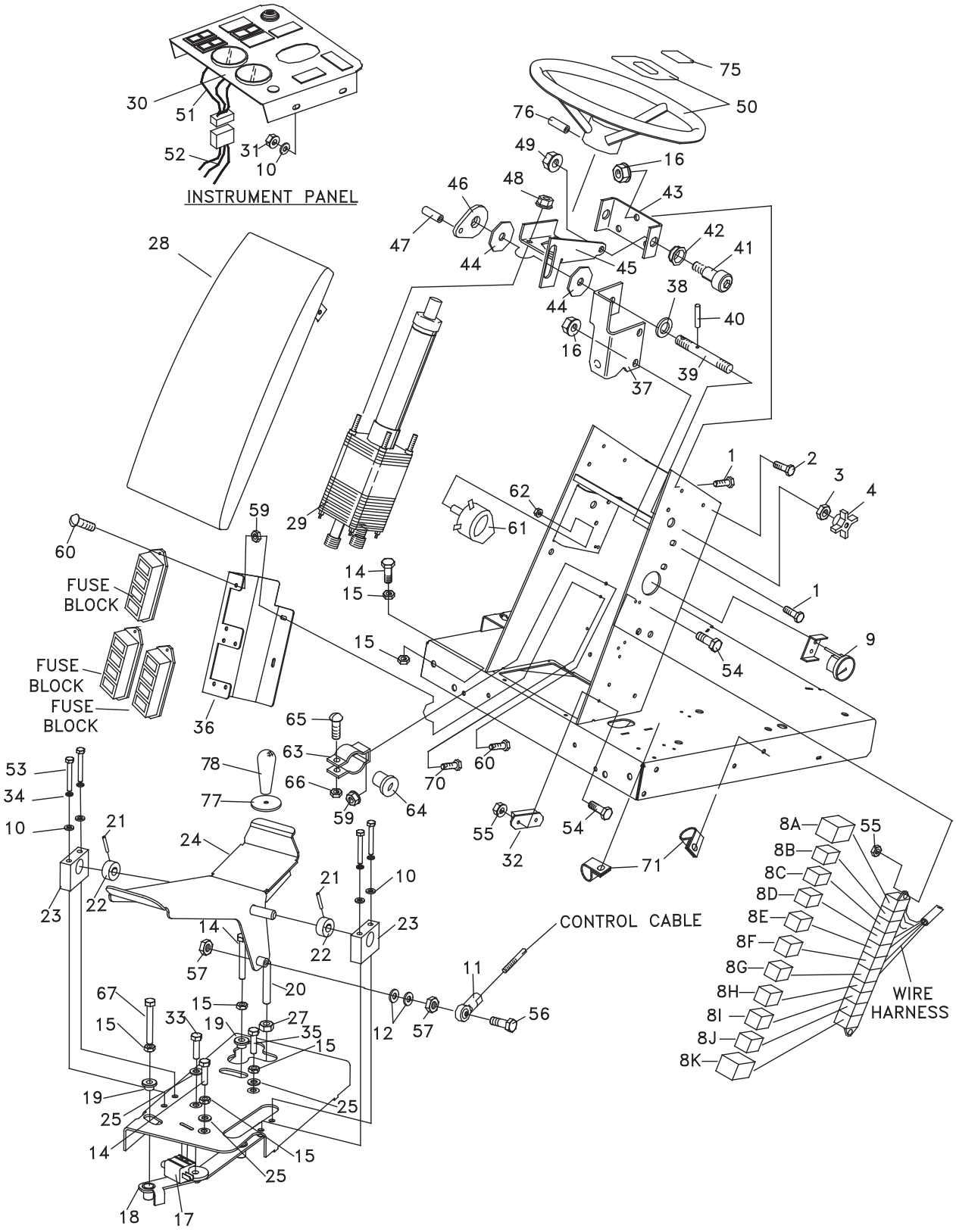
16 CONTROLS - STEERING



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	450213	Scrw HexM10 x 20	4	
2	452692	Scrw HexM6 x 12 Taptite	4	
3	450120055	Nut Hex1/2-13	1	
4	W038124-01	Knob	1	
8A	4175078	Relay (Starter)	1	30/40 Amp
8B	4175079	Relay 1/2 Size (R/H Deck)	1	15/25Amp
8C	4175079	Relay 1/2 Size (Cen Deck)	1	15/25Amp
8D	4175079	Relay 1/2 Size (L/H Deck)	1	15/25Amp
8E	4175079	Relay 1/2 Size (Cutter Master)	1	15/25Amp
8F	4175079	Relay 1/2 Size (Alarm)	1	15/25Amp
8G	4175079	Relay 1/2 Size (Alarm Control)	1	15/25Amp
8H	008244553	Flasher Unit	1	
8I	008244640	Seat Delay Module	1	
9	008109660	Hour Meter Assem	1	
10	450389	Washer-M6 x 12.5 x 1.8	4	
11	128079	Rod End, 1/4 Female	1	
12	450389	Washer-M6 x 12.5 x 1.8	2	
14	450020	Bolt HexM8 x 60	1	
15	450324	Nut HexM8	2	
16	450379	Nut HexM10 Nyloc	5	
17	38383	Switch-n.c.	1	
18	4124539	Wldmt - Speed Govenor Lever	1	
19	MBF1552	Spacer	2	
20	4126241	Stud M10	1	
21	001290379	Scrw-set 1/4-20 x 1/4	2	
22	W43067A	Collar, Set, Plate	2	
23	4124883	Block-bearing	2	
24	4159740	Wldmt-Foot Pedal	1	
25	450390	Washer - Plain M8	3	
26	001190377	Scrw-wlf 1/4-20 x 1/2	2	
27	450325	Nut - Hex M10	1	
28	009135950	Cover-Tower Jacobsen Orange	1	
*	2198125	Bumper	2	Used Item 28
*	2198084	Latch-Swell	1	Used Item 28
*	450389	Washer - M6 x 12.5	2	Used 2198084
29	4169420	Steer Valve & Column	1	from serial no. EB000543
	4166821	• Column	1	
29	4124000	Steer Valve & Column	1	up to serial no. EB000542
30	MBG5127A	Panel-Instrument	1	
31	450377	Nut HexM6 Nyloc	9	
32	2218069	Relay-time Delay	1	
33	450192	Screw - Hex M8x25	1	
34	450410	Washer - Spring M6	4	

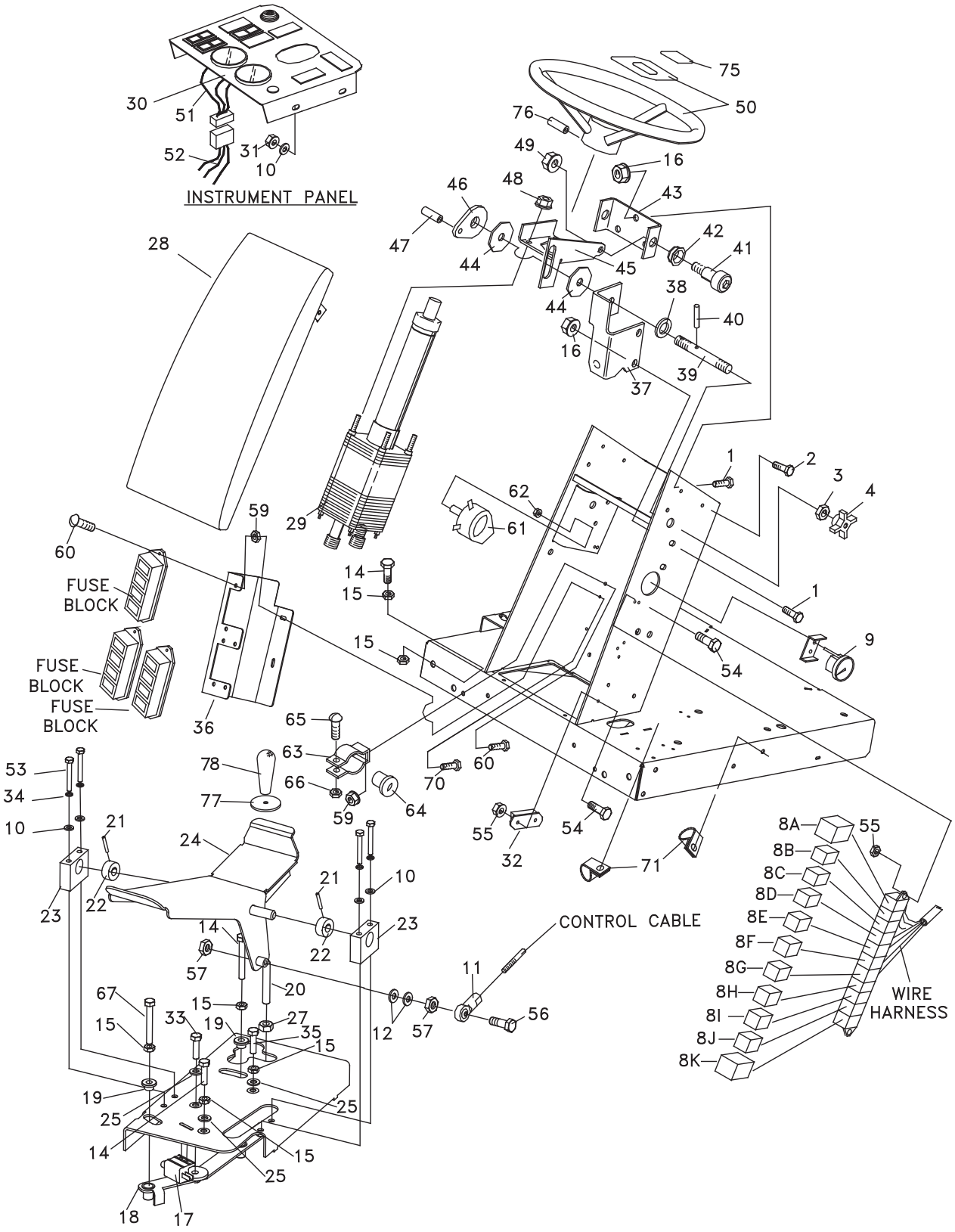
* Not Illustrated

16 CONTROLS - STEERING



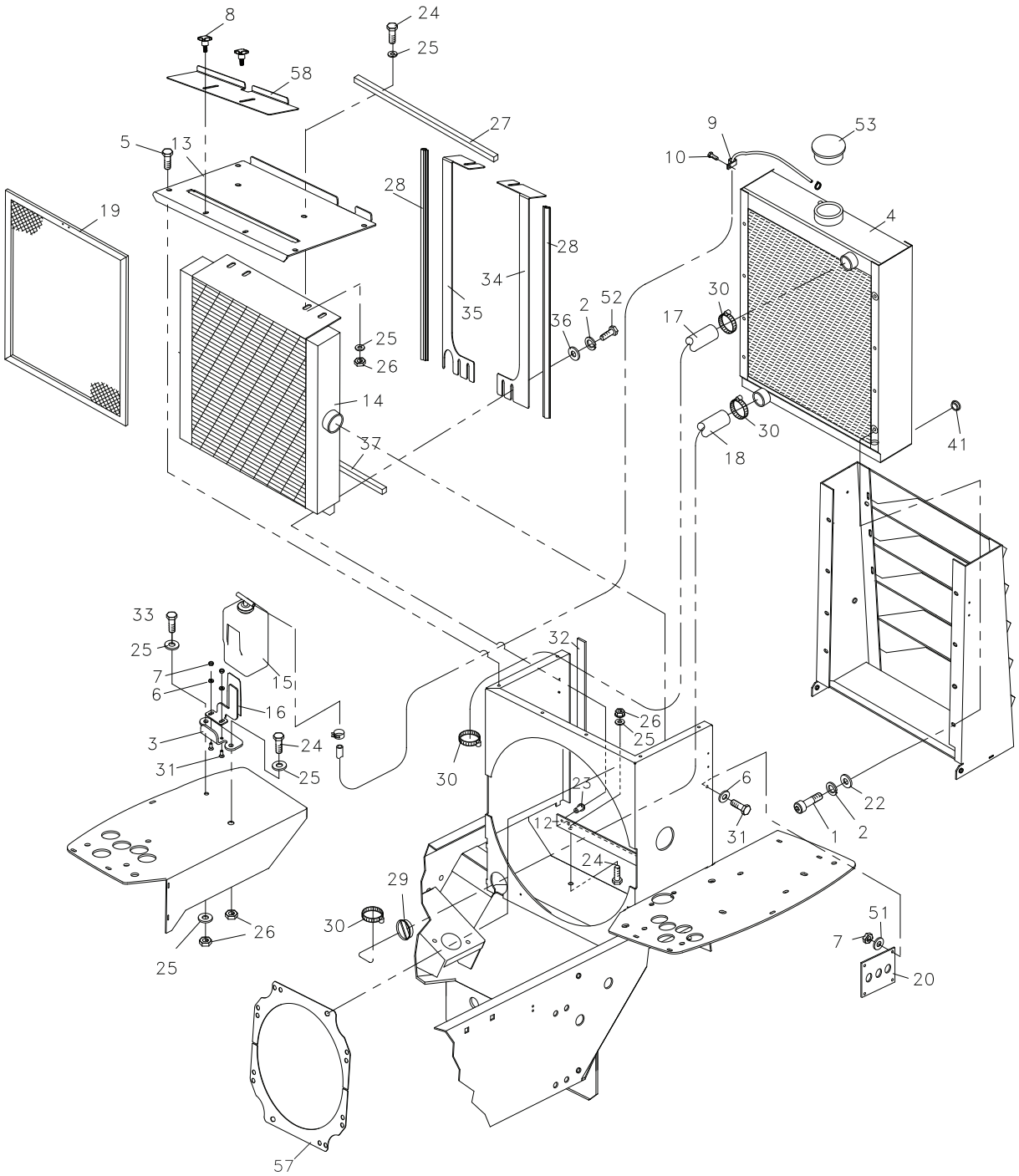
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
35	450194	Screw - Hex M8x35	1	
36	4126701	Bracket - Fuse Blocks	1	
37	172304.07	Bracket-Tilt Wheel	1	
38	001594080	Washer-.516 x .750 x12ga	1	
39	173006	Shaft-Locking	1	
40	001419072	Roll Pin-3/16 X 7/8	1	
41	64166-17	Blt-Shldr 3/8-16x1.12	2	
42	118047-02	Bushing Flip-lok, 1/2	2	
43	172042a.07	Brkt-Steering	1	
44	178138	Washer-Friction	2	
45	4159780	Bracket-Steering Column Support	1	To S/N EB000644
45	4266871	Bracket-Steering Column Support	1	From S/N EB000645
46	176100.07	Wldmt-Fr Washer	1	
47	001496248	Roll Pin-5/16 x 1	1	
48	001393117	Nut Hex5/16-24 Whiz	4	
49	450120267	Nut Hex3/8-16 Nyloc	2	
50	2198130	Steering Wheel	1	
51		Console Harness	1	Refer To Section 28
52		Main Harness	1	Refer To Section 27
53	450005	Bolt HexM6 x 50	4	
54	001190042	Scrw-rnd Hd No10-24 X 1/2	4	
55	001393298	Nut HexNo10-24 Nyloc	4	
56	450001	Bolt HexM6 X 30	1	
57	450323	Nut HexM6	1	
58	450377	Nut HexM6 Nyloc	1	
59	001393298	Nut HexNo10-24 Nyloc	8	
60	001190042	Scrw-rnd Hd No10-24 X 1/2	8	
61	008239720	Horn	1	
62	450452	Nut HexM6 Verbus Ripp	1	
63	469020633	Bracket-for Flash	1	
64	48408	Flasher-552 12v	1	
65	64018-2	Blt-crg 1/4-20x3/4	1	
66	001399121	Nut Hex1/4-20 Nyloc	1	
67	450019	Bolt - hex M8 x 55	1	
68 *	W178150	Diode-warning	6	
70	001191098	Scrw-rnd Hd No10-24 X 3/4	2	
71	48228-06	Clamp	2	
72*	450388	Washer-M5 X 10 X 1.1	8	
74	450194	Screw - Hex M8 x 35	1	
75	839862	Decal-steering Whl	1	
76	64061-26	Roll Pin-1/4 X 1-3/4	1	
77	4134796	Washer	1	
78	002990227	Knob	1	

16 CONTROLS - STEERING

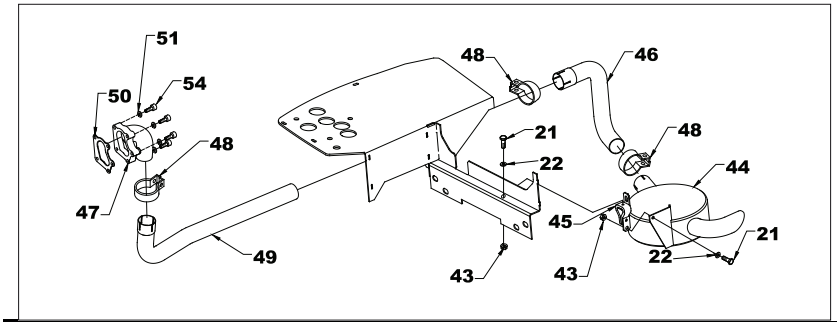


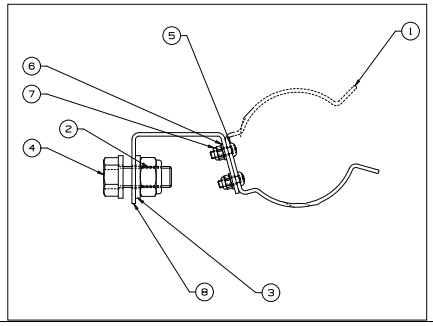
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
*	MBE3313C.07	Pad W/A	1	Deck Drive Foot Switch
*	MBG5583	Bracket	1	

17 COOLING & EXHAUST



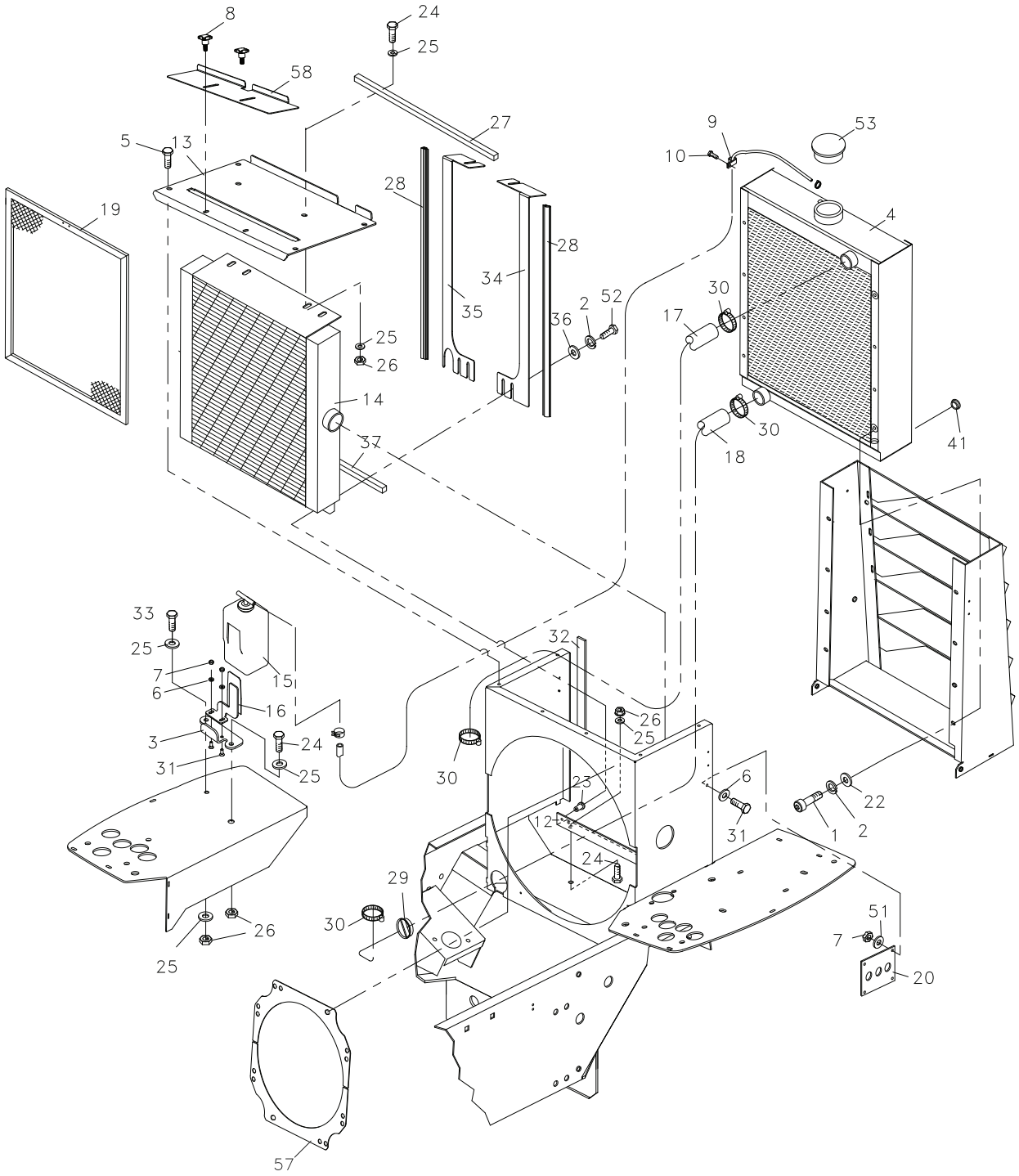
Upper Hose fitting kit



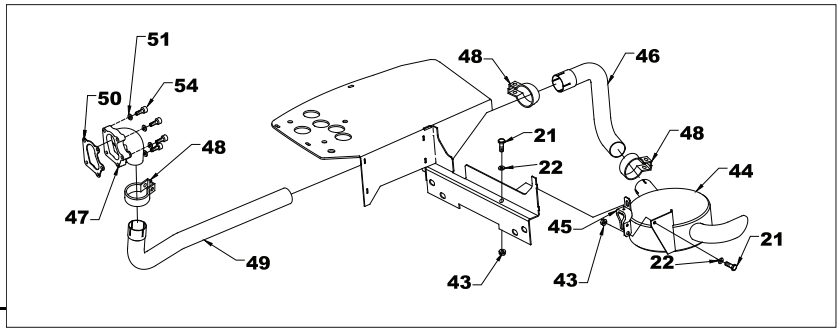


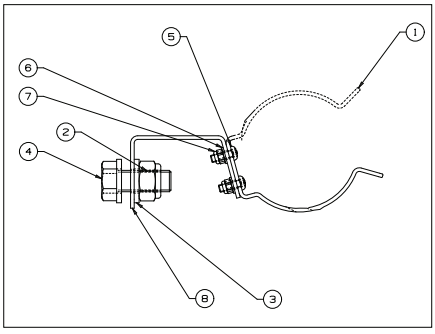
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	450190	Scrw HexM8 x 16	8	
2	64006-02	Lockwasher-Helical 5/16	16	
3	4128624	Bracket - Batery	1	
4	4126839	Radiator	1	To S/N EB000586
4	2178211	Radiator	1	From S/N EB000587
5	452701	Scrw HexM8 x 16 Taptite	6	
6	450389	Washer-M6 x 12.5 x 1.8	10	
7	450377	Nut HexM6 Nyloc	6	
8	4143352	Knob - M8 x 15 Male	2	
9	48228-1A	Clip-Cable Insulated	1	
10	456110503	Scrw Hex1/4-20 x 5/8	1	
11	450378	Nut HexM8 Nyloc	3	
12	2212043	Bracket-Oil Cooler	1	
13	4131197	Shroud-Top Fan	1	To S/N EB000586
13	4189568	Shroud-Top Fan	1	From S/N EB000587
13A*	MBG7031	Brkt-Engine Cover	1	
13B*	379050522	Beading	0.3 Mt	For 13a
13C*	450213	Scrw HexM10 X 20	2	For 13 To 13
13D*	450391	Washer-M10 x 21 x 2.2	2	For 13c
13E*	450379	Nut HexM10 Nyloc	2	For 13c
14	006911730	Cooler-Hyd. Oil	1	
15	2208079	Bottle-Coolant	1	
16	4128625	Wldmt - Coolant Bottle Bracket	1	
17	4282511	Hose-Rad Upper	1	See Upper Hose Fitting Kit
18	2218045	Hose-Rad Lower	1	
19	4126613	Screen	1	
20	2218086	Seal-Tube	1	
21	450191	Scrw HexM8 x 20	7	
22	450390	Washer-M8 x 17 x 1.8	13	
23	450369	Nutsert-M8 A-l x 17.5	4	(Use Insert Tool 2196247)
24	450213	Scrw HexM10 x 20	6	
25	450391	Washer-M10 x 21 x 2.2	11	
26	450379	Nut HexM10 Nyloc	7	
27	4146977	Edging Strip	1	
28	002989450	Bulk Chanel	1.3 Mt	
29	148034-07	Grommet-Insulation	1	
30	48396	Clamp-Hose 2 Dia	4	
31	450170	Scrw HexM6 x 16	6	
32	38471-08	Foam 21.2 Lg	1	
33	450214	Scrw HexM10 X 25	1	
34	4143785	Plate-Oil Cooler Seal LH	1	
35	4143568	Plate-Oil Cooler Seal RH	1	
36	MBA5289A	Washer-8.5 x 25.5 x 3	4	

17 COOLING & EXHAUST



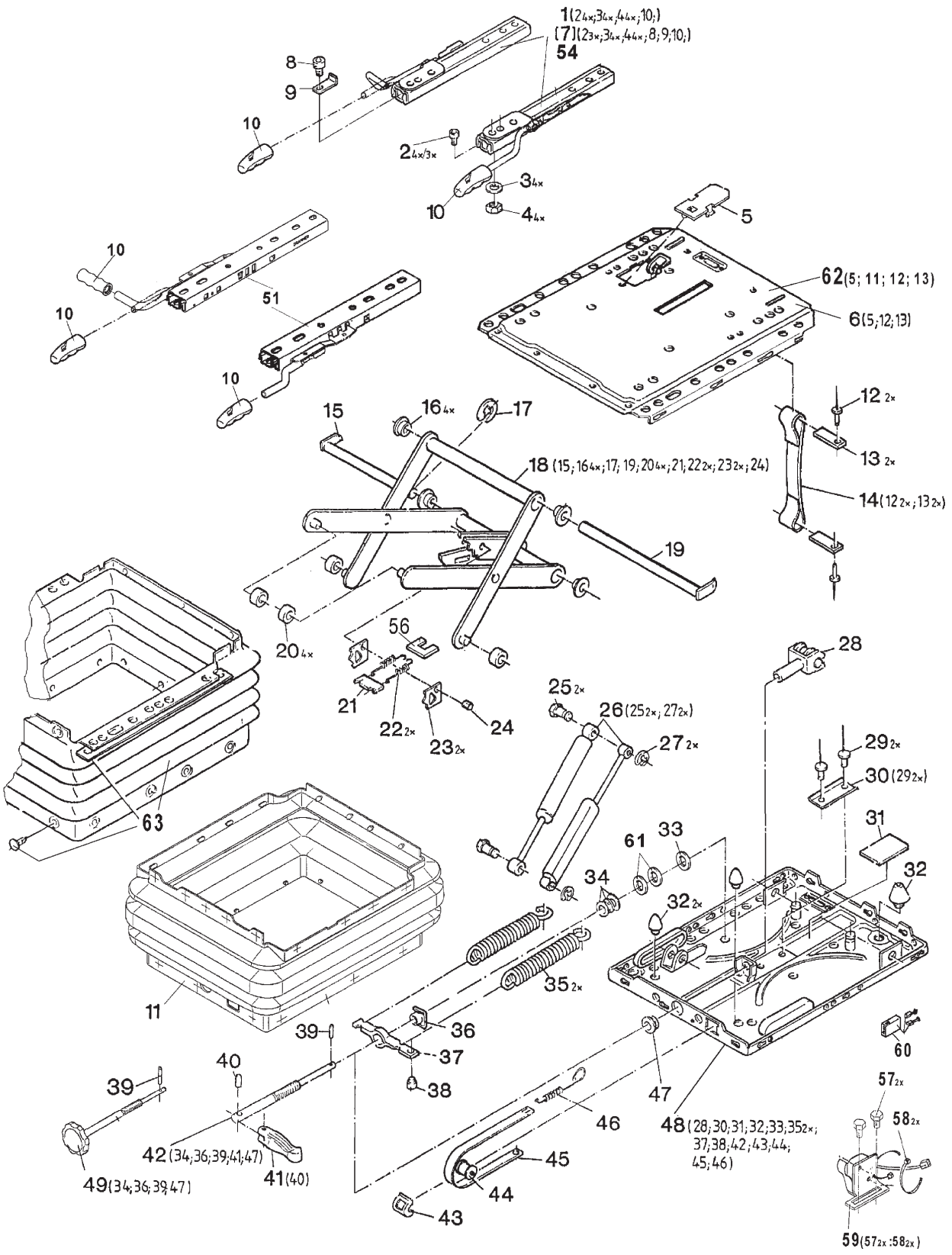
Upper Hose fitting kit





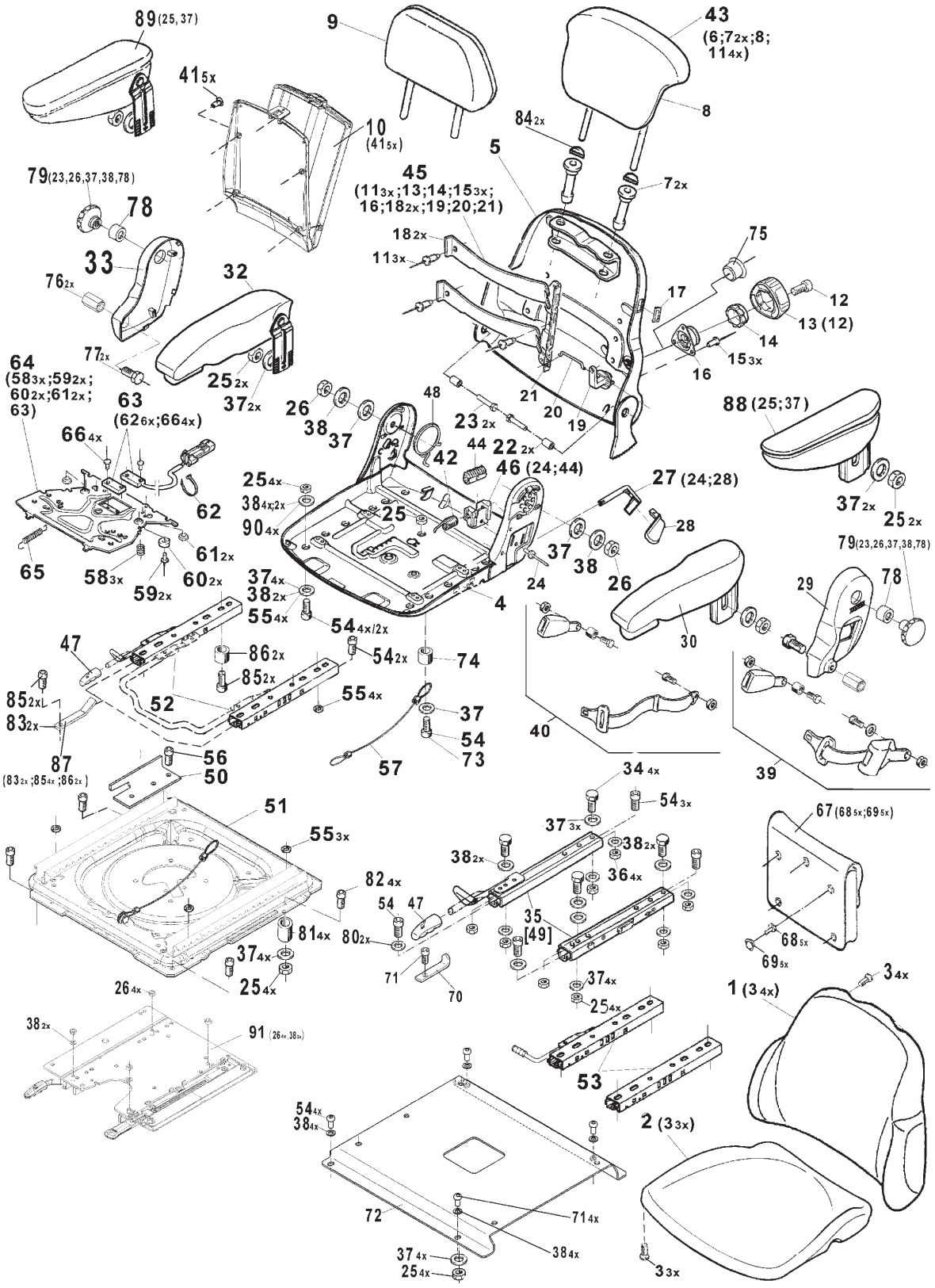
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
37	48450-07	Foam 1x28	1	
38	450020	Bolt HexM8 X 60	2	
39	2208139	Clamp	2	
40	MBF0365	Washer-10.5 X 25.2 X 3	2	
41	2690024-01	Plug 1/4 Npt	2	
42*	4127198	Insulation-Exhaust	1	
43	450453	Nut HexM8 Verbus Ripp	2	
44	4123047	Muffler	1	
45	48378	Strap- Rubber	1	
45	172212	Brkt-Upper Hanger	1	
45	172290	Brkt-Lower Hanger	1	
46	2213009	Pipe-Muffler	1	
47	4122778	Wldmt-Exhaust Pipe	1	
48	W048319-04	Clamp-Muffler 2-1/8	3	
49	4122798	Pipe-Exhaust	1	
49A	4135618	Sleeving	1.5	
50	-	Gasket-ex. Manifold	1	(Perkins Number 135997030)
51	450411	Washer - Spring M8	4	
52	450192	Scrw HexM8 x	4	
53	4131560	Cap-Radiatator	1	
54	450727	Screw - Cap Head M8 x 40	5	
55	MBG5543	Battery Brace	2	Secures Battery
57	MBG7022	Fan Shroud Plate	1	
58	4142833	Cover-Bug Screen	1	
	LMAC510	Upper Hose Fitting Kit		New Hose 4282511 introduced from EA0001086 EB000670
1	4287975	Hose Clamp	1	Replaces 4130726
2	450380	Nut Hex M12 -1.75 Nyloc	1	
3	450392	Washer M12 x 24 x 2.7	2	
4	450241	Screw Hex M12 x 30 - 1.75	1	
5	450517	Screw Pan M4 - 0.7 x 12	2	
6	450387	Washer M4 x 0.7 - 0.7	2	
7	452717	Nut Hex M4 x 0.7 - 0.7 Nyloc	2	
8	4287952	Hose Clamp Bracket	1	

18a GRAMMER MSG 85 SEAT (4137966) - SUSPENSION



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
5	008173680	Cover	1	
6		Kit, Suspension Upper	1	
11		Kit, Bellow	1	
15	008173790	Bolt	1	
16	008173800	Bushing	4	
18	008199900	Swing Arm Kit	1	
19		Bolt	1	
20	008173780	Roller	4	
21	008173820	Plate	1	
22		Tension Spring	2	
23	008173830	Release Plate	2	
24	008173840	Bolt	1	
25	008173710	Bolt, M8 x 22, Yellow	2	
26	008199680	Kit, Shock Absorber, S	1	
27	008173720	Washer, Retaining, 5 mm	2	
28		Fork	1	
29	008173740	Rivet, 4.0 x 10.0	2	
30		Bracket, U-Shaped Pro	1	
31	008173760	Rubber Plate	1	
32	008173730	Bumper Set	1	
33	008173870	Thrust Washer Kit	1	
35	008144410	Spring, Tension	2	
36	008173880	Nut, M12, Flange	1	
37	008173910	Spring Bracket	1	
38	008173930	Plug, Retainer	1	
39		Pin, 3.0 x 16	1	
40		Pin, 4 x 28	1	
41		Handle (Toggle)	1	
42		Adjustment Spindle	1	
43	008173950	Guide	1	
44	008193960	Roller	1	
45	008193920	Band, Weight, 130 kg	1	
46	008173940	Tension Spring	1	
47		Bushing	1	
52		Suspension Lower Par	1	
53		Fixing Parts	1	
55		Suspension MSG85	1	
57		Screw, M6 x 12	2	
58		Ties, Cable, 2.5 x 102	2	
59		Switch	1	
60	008174000	Connector, Electrical	1	

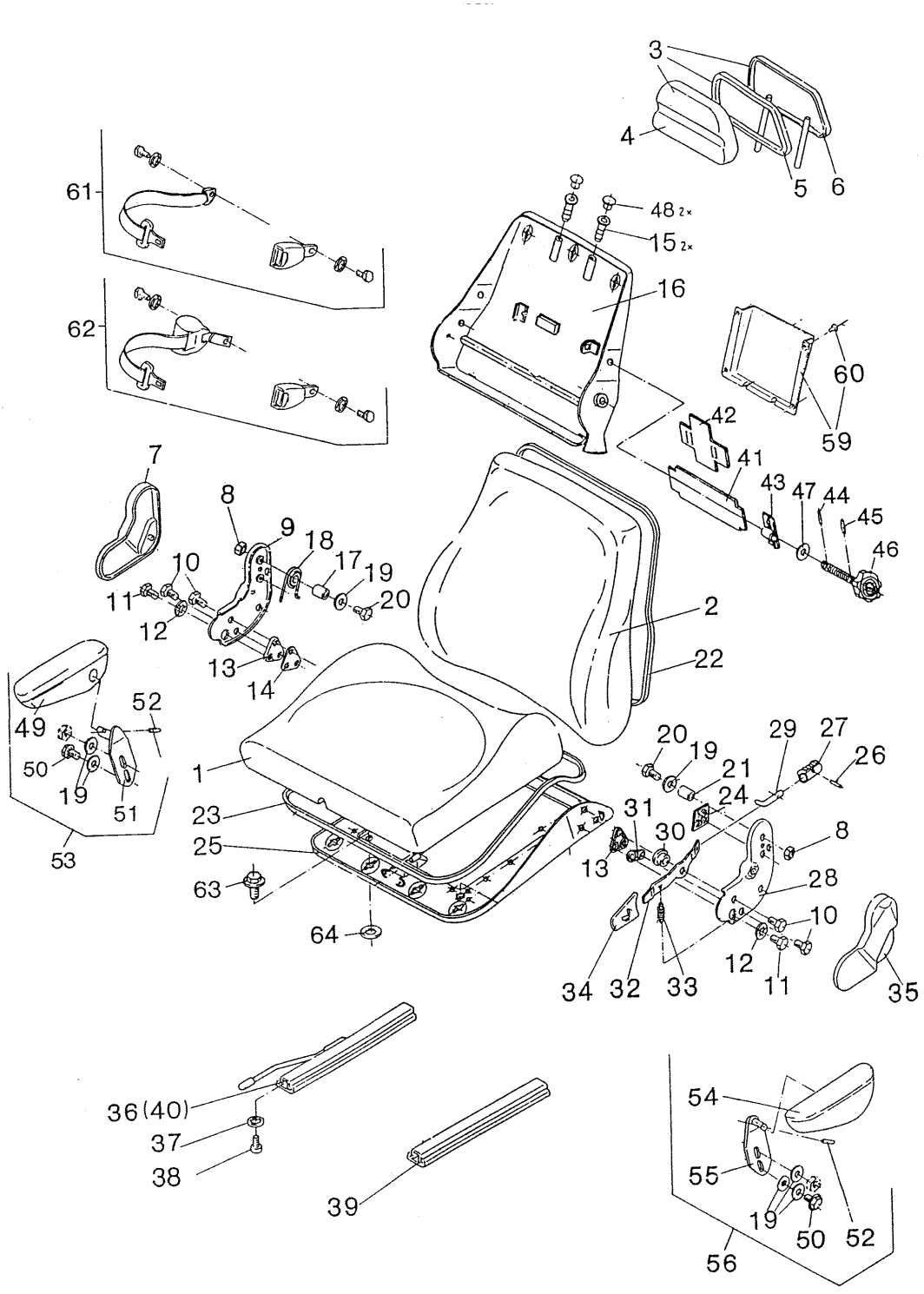
18b GRAMMER MSG 85 SEAT (4137966) - SEAT TOP



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1		Assy, Cushion, Backrest	1	
2		Assy, Cushion, Seat	1	
3		Screw, M5 x 25, Pan Hd	7	
4		Seat Pan	1	
5		Backrest Pan Kit	1	
7		Tube	2	
8		Backrest Extension	1	
22		Tube	2	
23		Screw, M8-1.25 x 40	2	
24		Rivet, 6 x 12	1	
25		Nut, Hex, M8-1.25	6	
26	113048	Nut, Hex, M8-1.25	2	
27		Lever	1	
28		Handle, Grey	1	
29		Cover, LH, Blk	1	
33		Cover, RH, Blk	1	
34		Screw M8 x 16	4	
35		Set Of Adjustment Rails	1	
36		Nut, Hex M8-1.25	4	
37		Washer, Flat, M8	11	
38		Washer 8.4-Hv140	6	
39		Kit, Seatbelt, 2 Retractable	1	
40		Seatbelt, 2 Non-retractable	1	
42		Spring, Spiral	1	
44		Stop	1	
46		Bearing Kit	1	
48		Spring, Leg, Backrest	1	
49		Set Of Adjustment Rails	1	
54		Screw, M8 x 16, Hex Socket	4	
67		Literature Box	1	One Supplied
*		Literature Holder (net)	1	
68		Blind Rivet 3.2 x 11.2	5	
69		Ball	5	
88		Armrest	1	
89		Armrest	1	

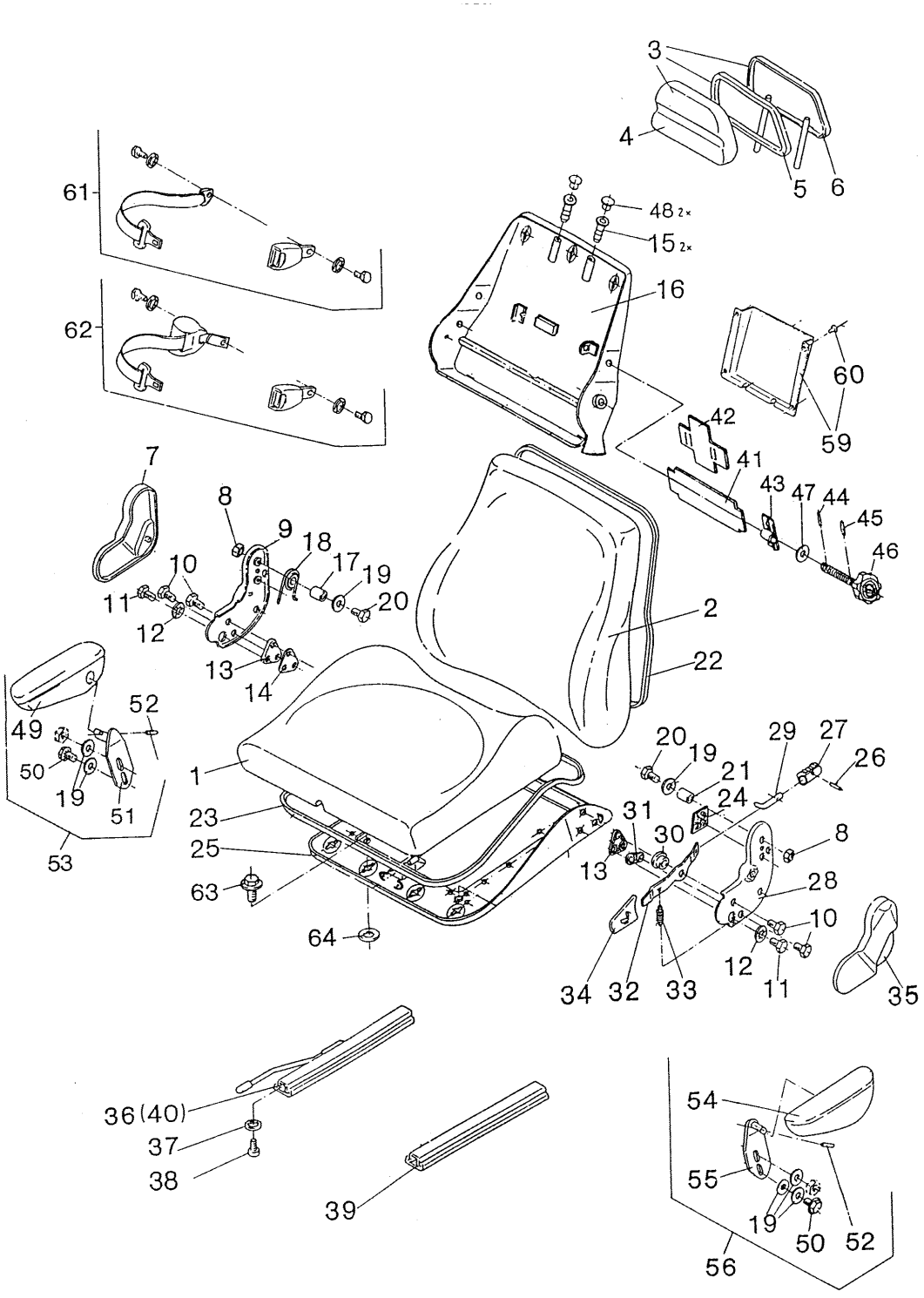
* Not Illustrated

19a SEAT BREAKDOWN GRAMMER S85/90R



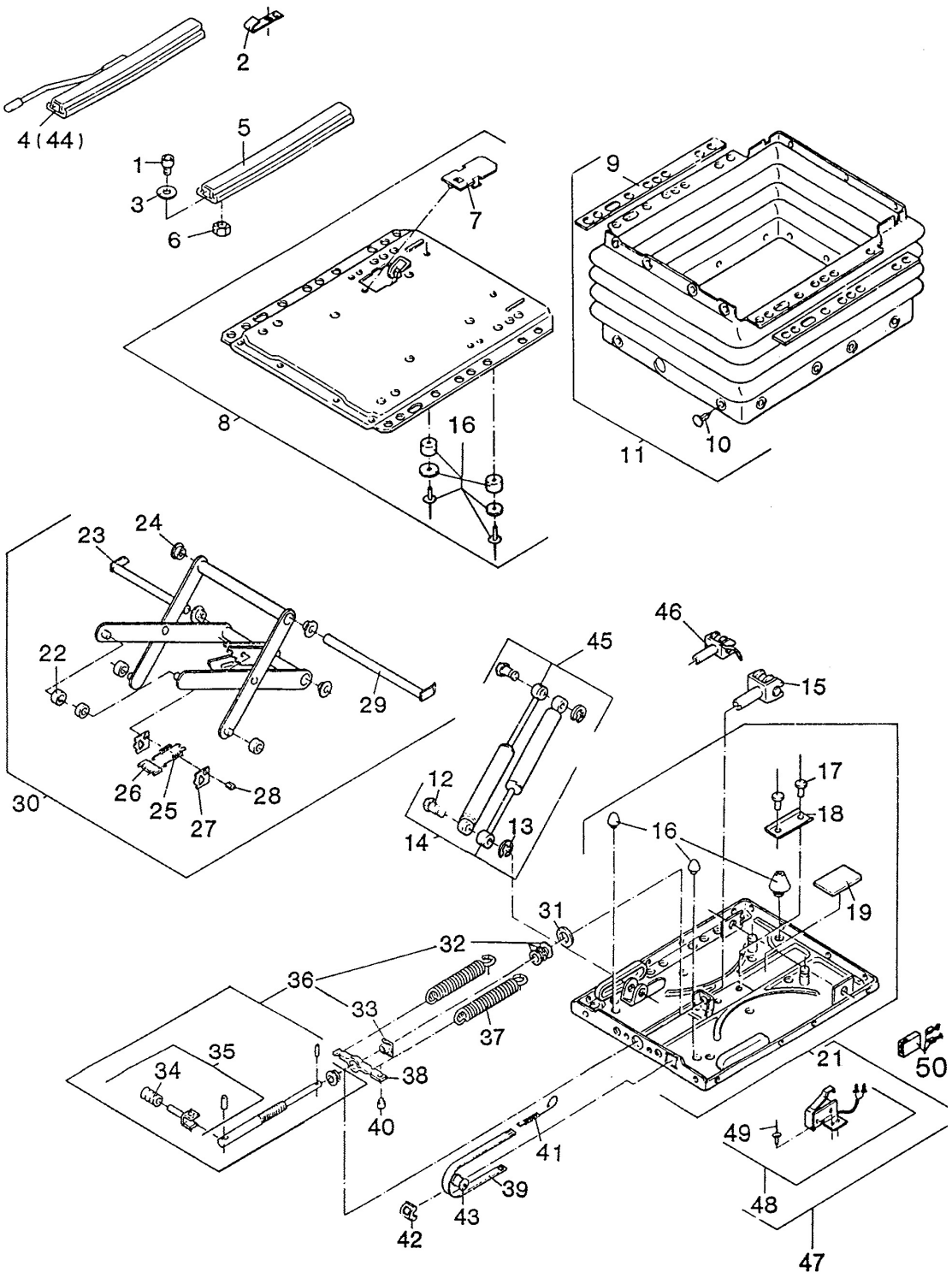
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	008199400	Seat Assy Complete	1	Including Suspension
1	008199450	Seat Cushion	1	
2	008199460	Back Rest Cushion	1	
3	008199560	Head Rest Assy.	1	
4	008199470	Head Rest Cushion	1	
5	008173520	Edge Strip	1	
6	N/A	Head Rest Frame	1	
7	008199610	Cover RH	1	
8	008173370	Nut	2	
9	008173380	Mounting RH	1	
10	008173390	Screw	4	
11	008173400	Screw	2	
12	008173410	Sp Washer	2	
13	008173420	Distance Plate	2	
14	008173430	Distance Plate	1	
15	008173440	Bush	2	
16	008199690	Back Plate	1	
17	008173450	Tube	1	
18	008173460	Spring	1	
19	008173470	Washer	2	
20	008173480	Screw	2	
21	008173490	Tube	1	
22	008173500	Edge Strip	1	
23	008173510	Edge Strip	1	
24	008173530	Distance Piece	1	
25	008173540	Seat Plate	1	
26	008199650	Pin	1	
27	008199660	Detent	1	
28	008173550	Mounting LH	1	
29	008199670	Rod	1	
30	008173560	Bush	1	
31	008173570	Distance Piece	1	
32	008173350	Lever	1	
33	008173360	Spring	1	
34	008199860	Handle	1	
35	008173580	Cover LH	1	
36	008199640	Rail With Lever	1	
37	008173590	Washer	4	
38	008173600	Screw	4	
39	008199750	Rail	1	
41	008173610	Plate	1	
42	008173620	Plate	1	
43	008199700	Nut	1	

19a SEAT BREAKDOWN GRAMMER S85/90R



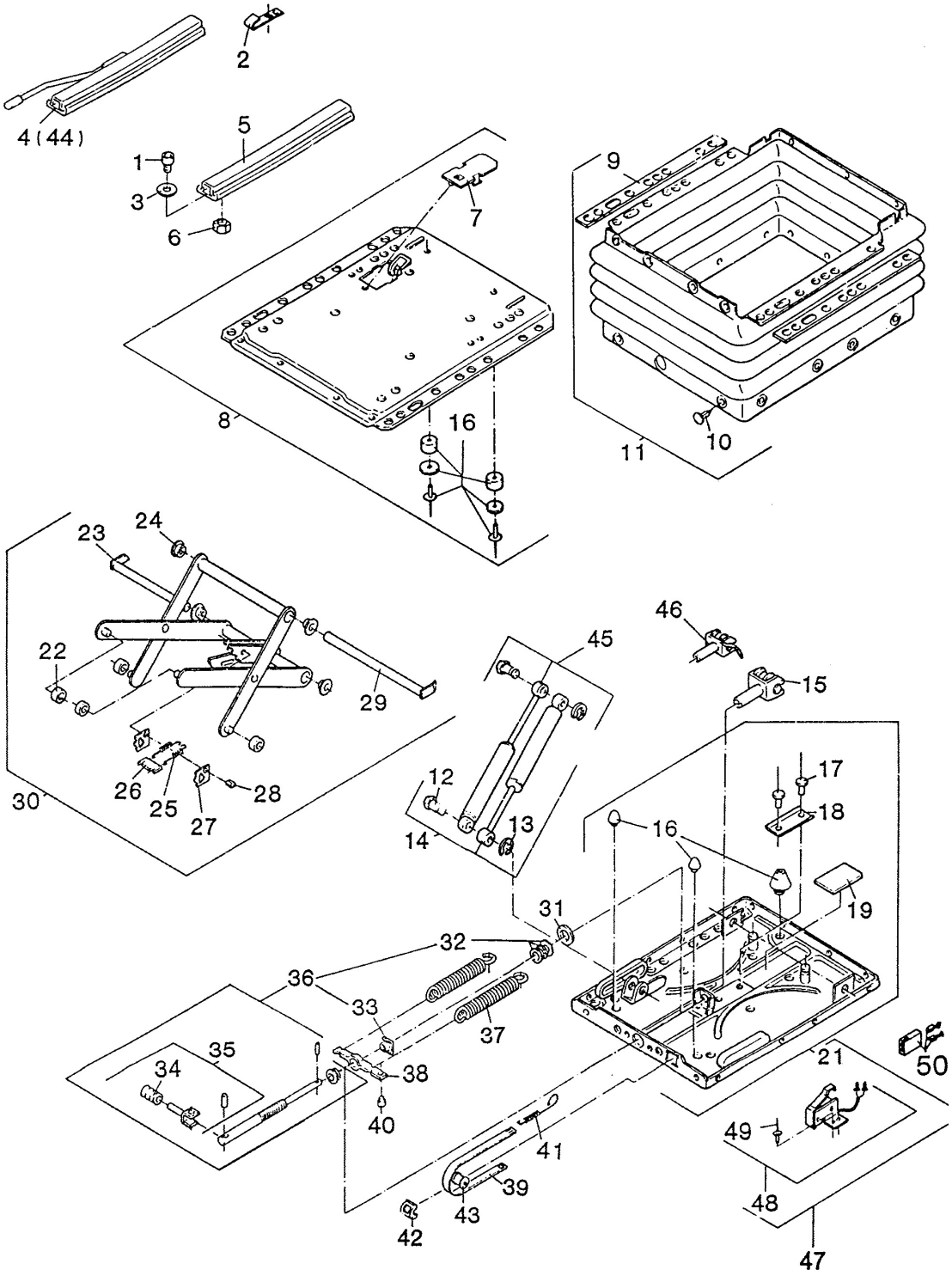
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
44	008199710	Pin	1	
45	008199720	Pin	1	
46	008199730	Adjusting Spindle	1	
47	008199740	Washer	1	
48	N/A	Plug	2	
49	008199550	Arm Rest RH	1	
50	N/A	Screw	2	
51	N/A	Support RH	1	
52	N/A	Pin	2	
53	008199850	Arm Rest Assy. RH	1	
54	008173630	Arm Rest LH	1	
55	N/A	Support LH	1	
56	008199860	Arm Rest Assy. LH	1	
59	N/A	Cover Assy	1	
60	N/A	Screw	1	
61	N/A	Seat Belt Fixed	1	
62	N/A	Seat Belt Reel	1	
63	N/A	Screw		
64	N/A	Washer		

19b SEAT SUSPENSION GRAMMER DS85H



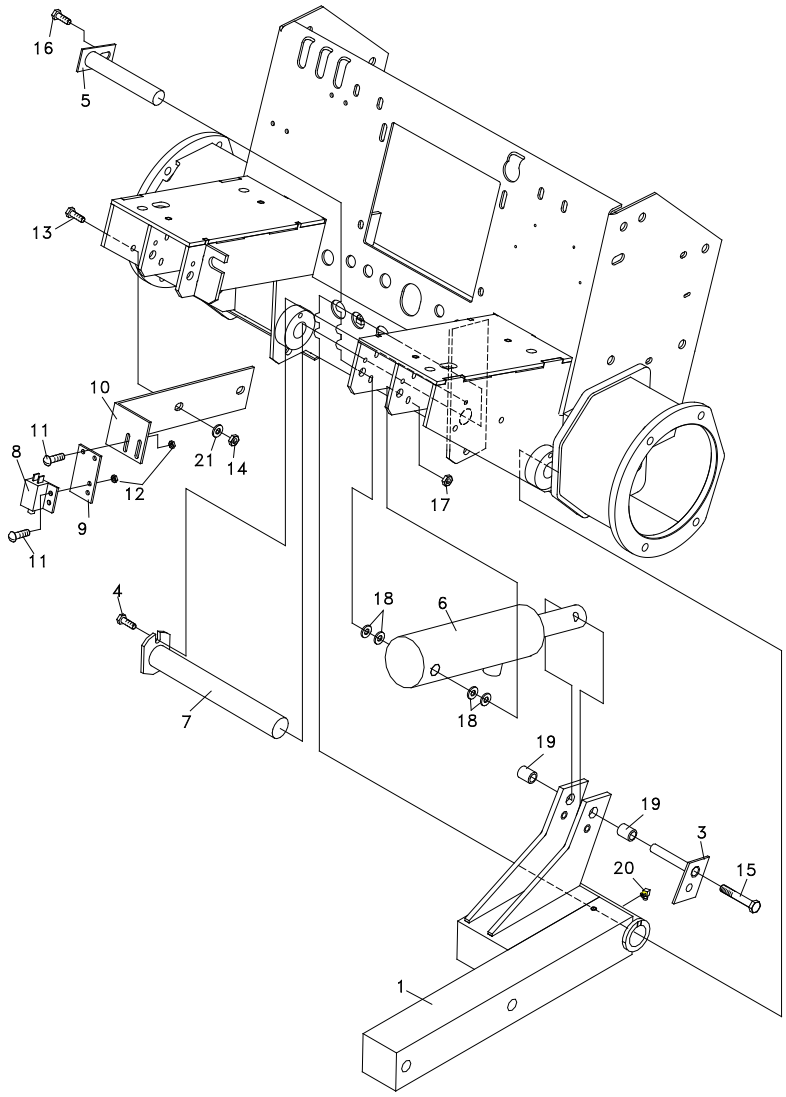
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	008173640	Screw	6	
2	008173650	Stop	1	
3	008173660	Washer	2	
4	008199640	Slide With Lever	1	
5	008199750	Slide	1	
6	008173670	Nut	6	
7	008173680	Cover	1	
8	008173690	Base Assy.	1	
9	008173700	Plate	2	
10	008199790	Pin	21	
11	008199840	Gaiter Assy.	1	
12	008173710	Pin	2	
13	008173720	E Clip	2	
14	008199680	Damper Assy	1	
16	008173730	Buffer Assy.	1	
17	008173740	Rivet	2	
18	008173750	Runner	1	
19	008173760	Plate	1	
20	008173770	Suspension Assy.	1	
22	008173780	Roller	4	
23	008173790	Pin	1	
24	008173800	Bush	4	
25	008173810	Spring	2	
26	008173820	Plate	1	
27	008173830	Plate	2	
28	008173840	Bolt	1	
29	008173850	Pin	1	
30	008199900	Hinge	1	
31	008173860	Washer	1	
32	008173870	Bearing	1	
33	008173880	Nut	1	
34	008173890	Handle	1	
35	008173900	Lever Assy.	1	
36	008199920	Weight Adjuster	1	
37	008199410	Spring	2	
38	008173910	Spring Hook	1	
39	008173920	Weight Indicator	1	
40	008173930	Stop	1	
41	008173940	Spring	1	
42	008173950	Window	1	
43	008173960	Roller	1	
46	008173970	Fork	1	
47	008173980	Spring Frame	1	

19b SEAT SUSPENSION GRAMMER DS85H



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
48	009054480	Microswitch	1	
49	008173990	Screw	2	
50	008174000	Connector	1	

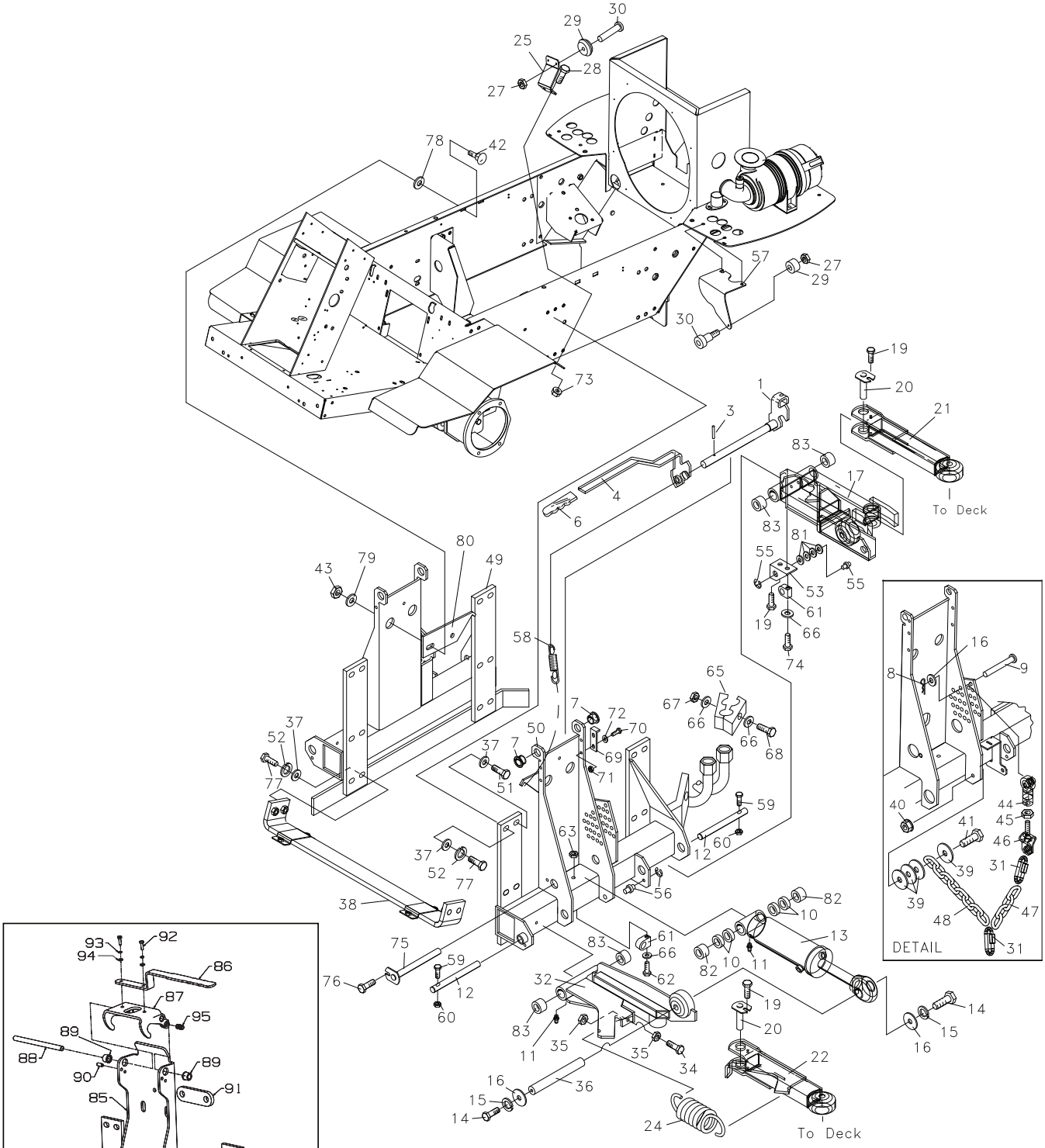
20 PUSHARM ASSEMBLY

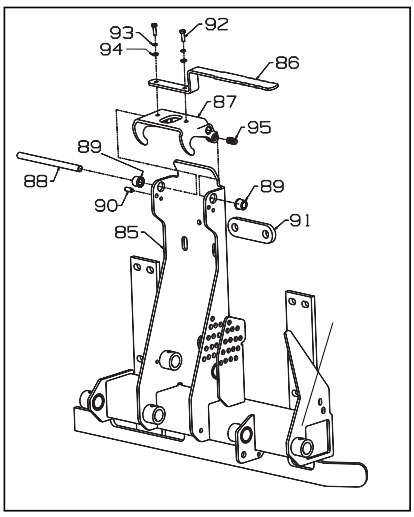


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	MBF1925.7	Wldmt-push Arm LH	1	
1	4169960	Wldmt-push Arm LH	1	from s/n EB000555
2 *	MBF1926.7	Wldmt-push Arm RH	1	
2*	4169961	Wldmt-push Arm RH	1	from s/n EB000555
3	4284872	Pin Weld, Push Rod	2	
4	452701	Scrw HexM8 X 16 Taptite	2	
5	2216025	Wldmnt-cyl Rod Pin	2	
6	2218014	Cylinder-lift	2	To S/N EBxxxxxx
	002301110	• Seal Kit	1	
6	4244285	D/A Hyd Cyl, 25 x 84, Lift	2	From S/N EBxxxxxx
*	4291656	Seal Kit	A/R	From S/N EBxxxxxx
7	MBF1929	Wldmt-push Arm Pin	2	
8	W038383	Switch-n.c.	1	
9	W172359	Plate-push Arm Sw	1	
10	2212109	Bracket-switch Mtg	1	
11	001190042	Scrw-rnd Hd No10-24 X 1/2	4	
12	001393298	Nut HexNo10-24 Nyloc	4	
13	450191	Scrw HexM8 X 20	2	
14	450378	Nut HexM8 Nyloc	2	
15	001190377	Scrw-wlf 1/4-20 X 1/2	2	
16	456110016	Scrw Hex1/4-20 X 3/4	2	
17	001399121	Nut Hex1/4-20 Nyloc	2	
18	001594080	Washer-.516 X .750 X 12ga	8	
19	W138024-02	Brg-dx,.500 I.d.	4	
20	35027N	Zerk	2	
21	001594010	Washer-.328 X .75 X 14 Ga	2	

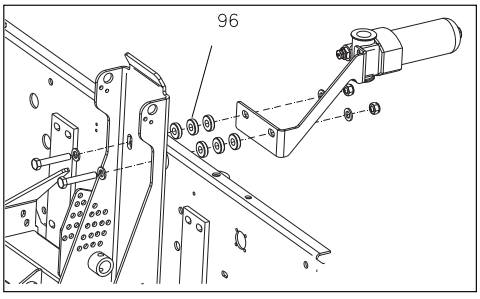
* Not Illustrated

21 DECK MOUNTING



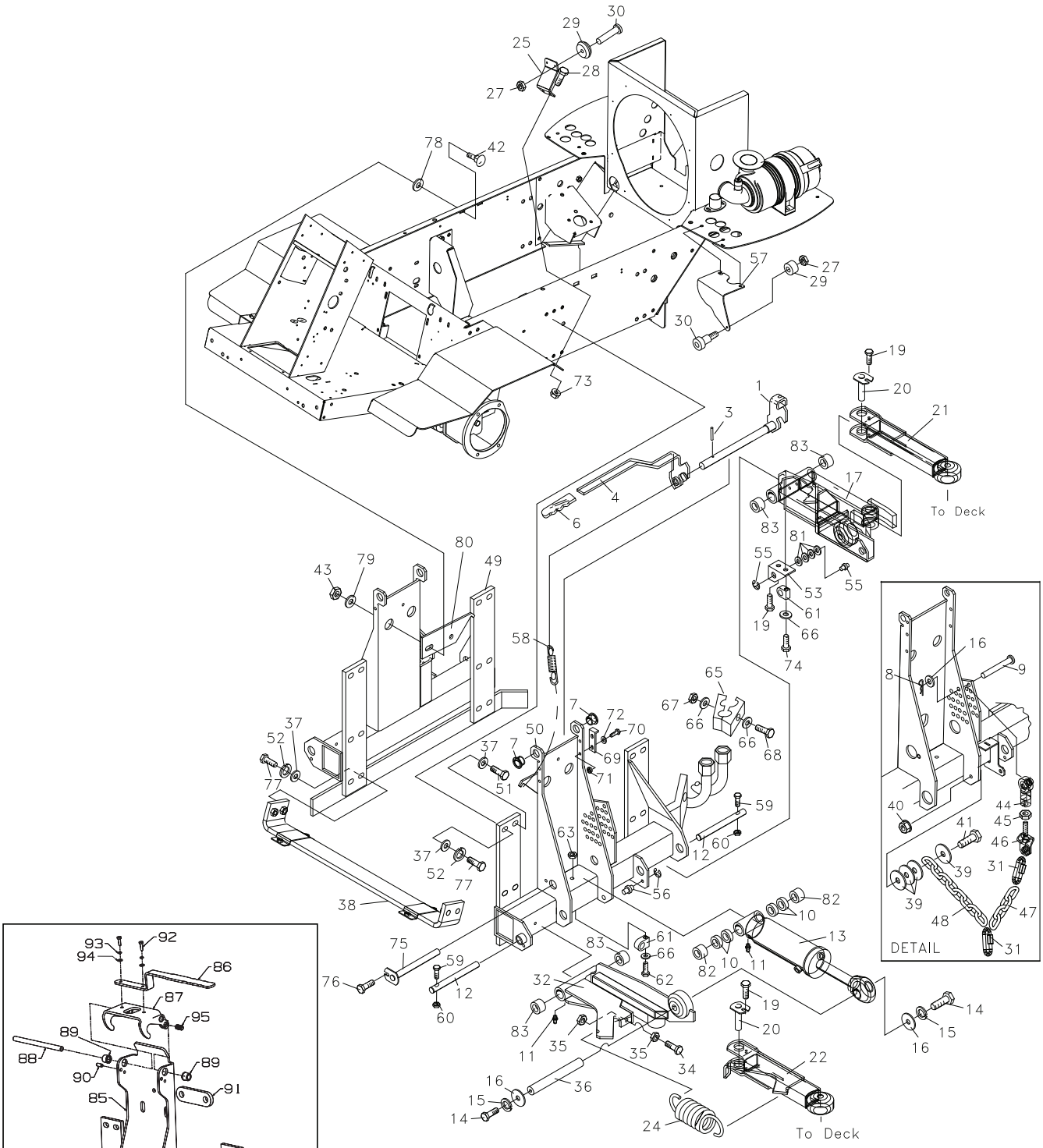


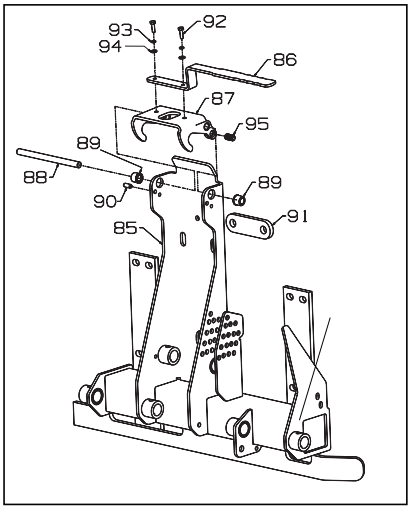
From Serial Number EA000816



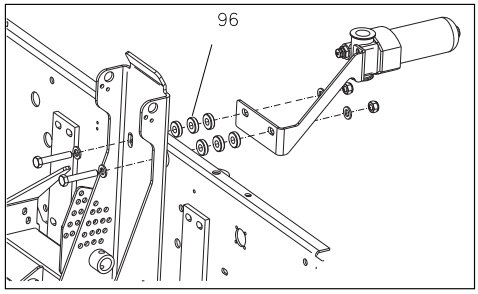
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	2216042	Wldmnt-Hook Rear LH	1	
2 *	2216041	Wldmnt-Hook Rear RH	1	
3	455000387	Pin-Tension 1/4 X 1-1/4	2	
4	176147-01	Wldmt-hook Frnt LH	1	
5 *	176147-02	Wldmt-hook Frnt RH	1	
6	38404-01	Grip,Cntrl Lvr	2	
7	118047-04	S Bshg Flip-lok.50 Id	4	
8	001490226	'R' Clip	2	
9	009079430	Pin-Clevis 3/8 X 2.46	2	
10	001594170	Washer	8	
11	842000044	Lubricator-1/4" Str	6	
12	2213006	Pin-Pivot	4	
13	W178154	Cylndr-wing Sq Port	2	To S/N EB000630
	4129601	• Seal Kit	1	(With 84)
	78154-01	• Bushing	2	
13	4244307	D/A HYD CYL, 25 x 193.5, LIFT	2	From S/N EB000631
*	4291652	Seal Kit	A/R	From S/N EB000631
14	456110595	Scrw Hex3/8-16 X 3/4	4	
15	452200134	Lock Washer-3/8 X .683 X .094	4	
16	452101510	Washer-3/8 X 1-1/2 X .104	6	
17	MBF1921.7	Wldmt-arm Rear LH	1	(Includes Item 83)
17 *	002190180	Bush,1"X1.125"X0.75"	2	
18 *	MBF1922.7	Wldmt-arm Rear Rh	1	(Includes Item 83)
19	456110503	Scrw Hex1/4-20 X 5/8	6	
20	MBF2200	Wldmt-pin	4	
		Fitted From Under Arm		
		(Not As Shown)		
*	MBG5349	Clamp Ring Washer	4	Used Item 20
*	450382	Nut HexM16 Nyloc	4	Used Item 20
*	002993013	Lubricator-M6 Str	4	Used Item 20
*	451488	Pin-spirol 8 X 20	4	Used Item 20
21	W176061.7	Wldmt-Swing Arm Rear	2	
22	W176059.7	Wldmt-Swing Arm LF	1	
23 *	W176060.7	Wldmt-Swing Arm RF	1	
24	4161840	Spring-wing Deck	2	
25	4141385	Brkt-front Roller	2	
27	001399121	Nut Hex1/4-20 Nyloc	4	
28	456110503	Scrw Hex1/4-20 X 5/8	4	
28*	452100019	Washer-1/4 X 5/8 X .064	4	
29	A904247	Rubber Roller	4	
30	64166-15	Shoulder Bolt	4	
31	W178153-01	Connector-chn Link	4	
32	MBF1871a.7	Wldmt-Arm Front LH	1	(Includes Item 84)
33 *	MBF1874a.7	Wldmt-Arm Front RH	1	(Includes Item 84)

21 DECK MOUNTING



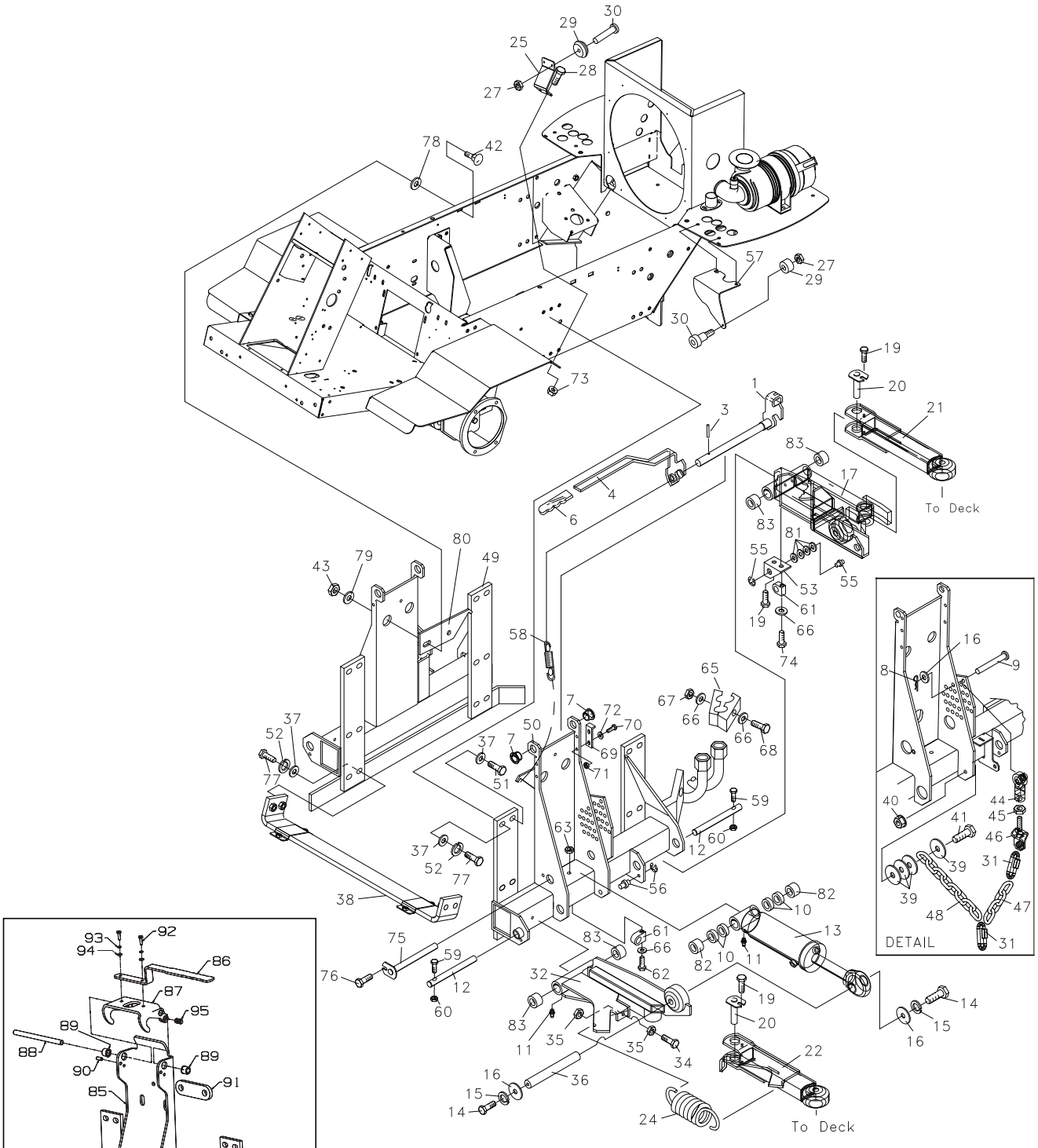


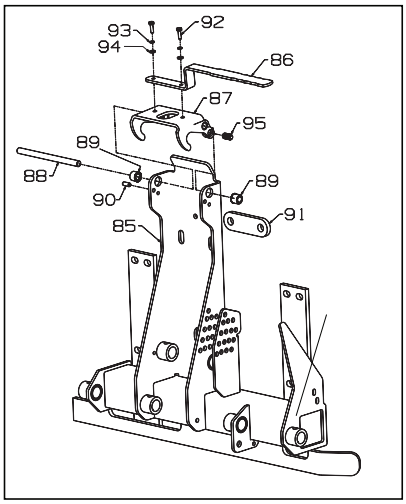
From Serial Number EA000816



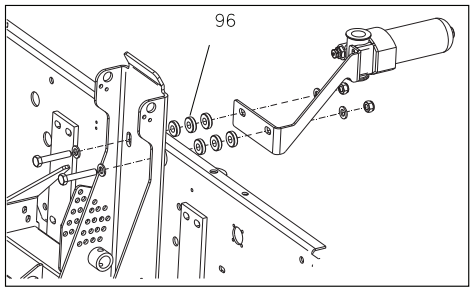
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
34	450280	Bolt HexM16 x 90	2	
35	450382	Nut HexM16	4	
36	W173010	Shaft-Cutter Deck	2	
37	450392	Washer-M12 X 24 X 2.7	24	
38	4144166	Wldmt-Tank Support	2	
39	MBF0365	Washer-10.5 X 25.2 X 3	8	
40	001399090	Nut Hex5/16-24 Nyloc	2	
41	451030201	Bolt Hex5/16-24 X 1-1/4	2	
42	64018-13	Blt-crg 1/2-13x2 Gr5	4	
43	450120233	Nut Hex1/2-13 Nyloc	4	
44	699535007	Ball Joint	2	
45	450020265	Nut Hex3/8-24 Thin	2	
46	MBG5696	Link Screw	2	
47	009151520	Chain-Wing Deck Support	2	
48	009151510	Chain-Wing Deck Support	2	
49	4134089	Wldmt-RH Sub Frame	1	
50	4134090	Wldmt-LH Sub Frame	1	
51	450241	Screw HexM12 X 30	2	
52	452200176	Lock Washer-1/2 X .873 X .125	22	
53	MBG5395A	Brkt- Magnet Mtg	2	
55	2208049	Magnet-Actuator	2	
56	2208036	Switch-Proximity	2	
57	4131930	Brckt-Rear LH Roller	1	Up to S/No.EA000836
57A*	4131931	Brckt-Rear RH Roller	1	Up to S/No.EA000836
57 B	4206560	Brckt-Rear LH Roller	1	From S/No.EA000837
57 C	4206561	Brckt-Rear RH Roller	1	From S/No.EA000837
58	35010A	Spring-Extension	2	
59	450019	Bolt HexM8 X 55	4	
60	450379	Nut HexM10 Nyloc	4	
61	178097-01	Clamp-Tube	7	
62	64123-192	Blt Hex1/4-20 X 4-1/2	5	
63	001393052	Nut Hex1/4-20 Whiz	5	
65	148090-03	Clamp	2	
66	450389	Washer-M6 X 12.5 X 1.8	15	
*	MBG5502	Bracket-tube Support	2	
67	450377	Nut HexM6 Nyloc	2	
68				
	Bolt HexM6 X 704			
69	2212116	Bracket-Stop	2	
70	456110016	Scrw Hex1/4-20 X 3/4	4	
71	001399121	Nut Hex1/4-20 Nyloc	4	
72	452100019	Washer-1/4 X 5/8 X .064	4	
73	001393052	Nut Hex1/4-20 Whiz	4	
74	451112681	Bolt Hex1/4-20 X 2	2	

21 DECK MOUNTING



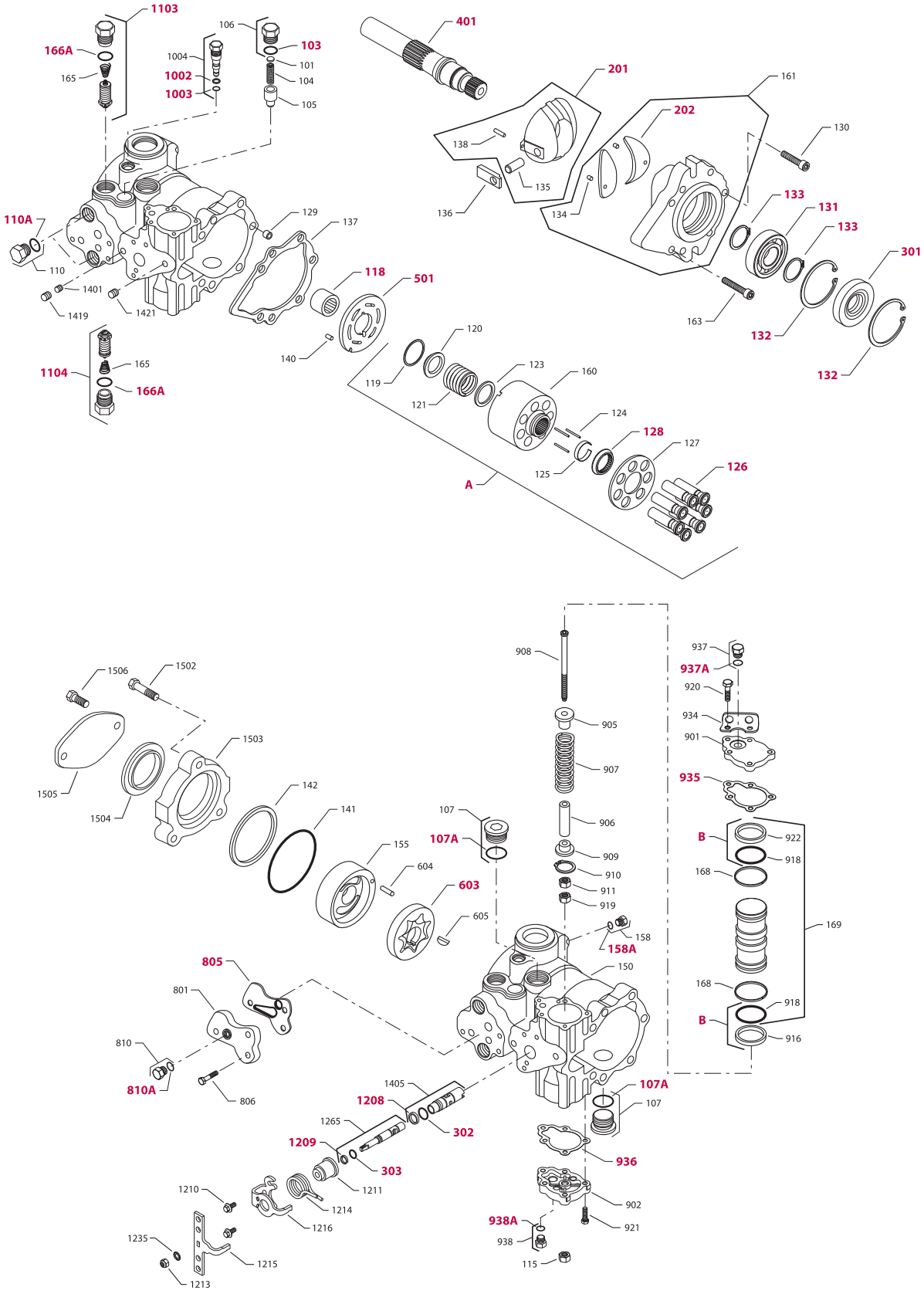


From Serial Number EA000816



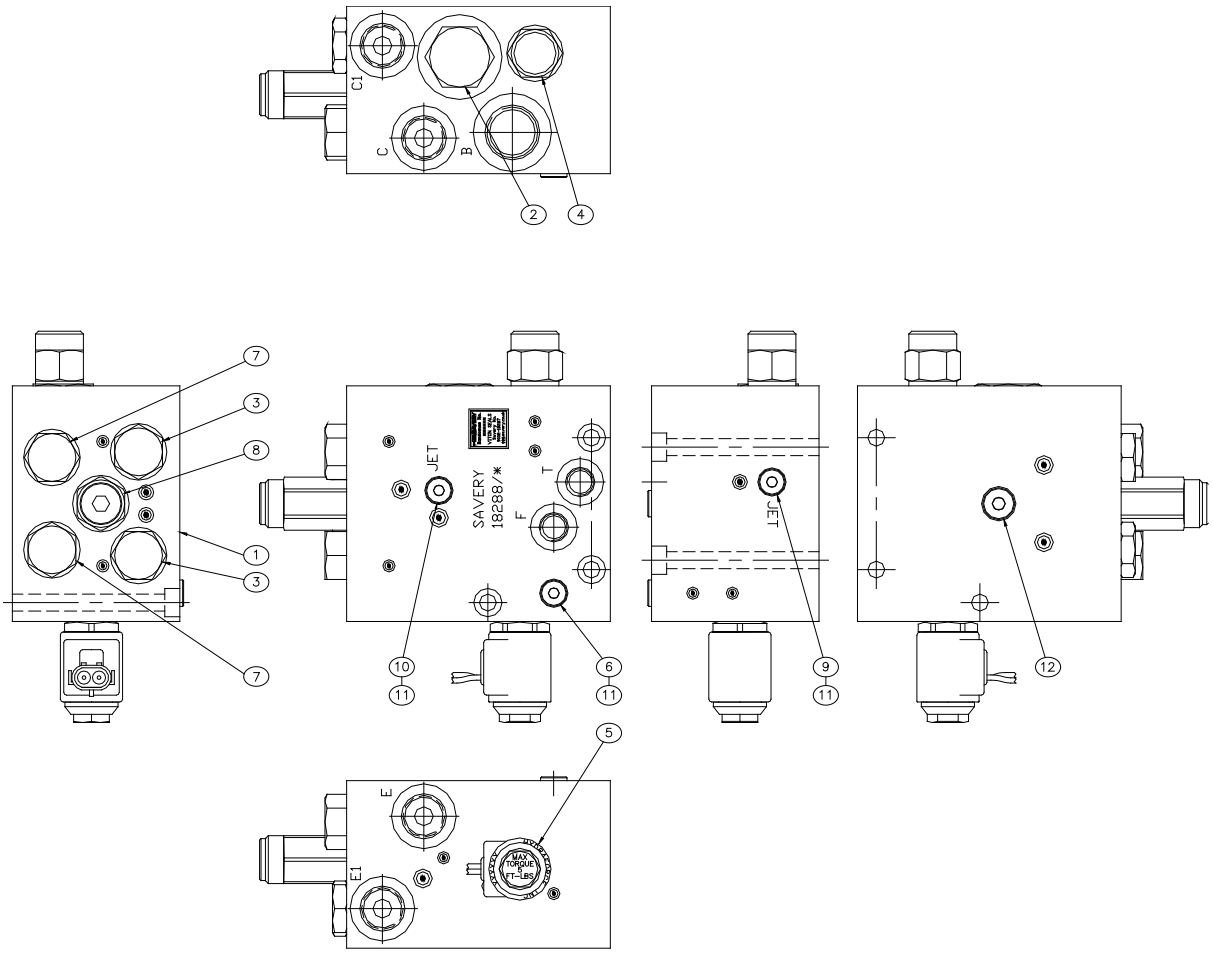
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
75	146197	Wldmt-Push Arm Pin	2	
76	450190	Scrw HexM8 X 16	2	
77	450048	Bolt HexM12 X 40	22	
78		Lock Washer-1/4 X .425 X .072	2	
80	2212230.7	Bracket-Spring	2	
81	72120N	Thrust Washer,1/2id	8	
82	178154-01	Bushing-Cylinder	4	
83	002190190	Bush,1"X1.125"X1.25"	8	
84*	001594170	Shim	8	Fitted To Lift Arms
		Latch		From s/n EA000816
85	4199581	Wldmt-LH Sub Frame	1	
*	4199580	Wldmt-RH Sub Frame	1	
86	4189342	Handle-Cam Latch	2	
87	4195901	Wldmt-Wing Latch	2	
88	4189343	Spindle-Cam Latch	2	
89	4185741	1/2" Bearing, Self Align Self Clinch	4	
90	451488	Spirol Pin 8 x 20	2	
91	4200080	Spacer-Wing Deck	2	
92	450171	Scrw HexM6 x 20	4	
93	450410	M6 Lockwasher	4	
94	450389	M6 Washer	4	
95	4200040	Detent Screw M12 c/w Seel Ball	2	
*	450959	Scrw-Set M6 x 8 Cup Pt	4	
96	4224240	Spacer 30x12x8LG		As Required

22 SERVO TRANSMISSION PUMP



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	008007120	Transmission Pump		
A	A800729	Cylinder block Kit	1	
126		• Piston	7	
127		• Slipper Retainer	1	
160		• Cylinder Block	1	
104	A800730	Charge Relief Valve Spring	1	
105	A800731	Charge Relief Valve Poppet	1	
118	A800732	Needle Bearing	7	
131	A800733	Shaft Bearing	1	
132	A800734	Circlip	2	
133	A800735	Circlip	2	
155	A800736	Charge Pump Housing	1	
202	A800737	Swash Plate Housing	1	
930	A800738	Adjuster Screw	1	
1004	A800739	Bypass Valve	1	
1103	A800741	Relief Valve Cartridge	1	
1104	A800740	Relief Valve Cartridge	1	
1210	A800742	Adjuster Screw	1	
1401	A800743	Oriface	1	
1405	A800744	Sleeve	1	
	A800745	Seal Kit	1	

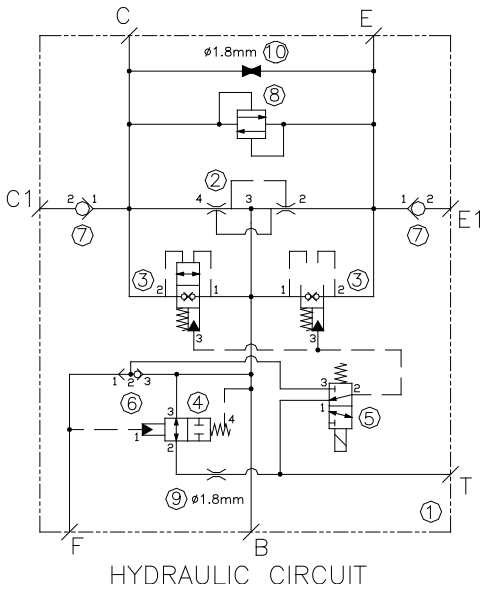
23 TRANSMISSION VALVE



Port B -SAE12
PortsC, C1, E & E1 -SAE10
Ports F & T

Maximum Input Flow140 L/M
Maximum Divided / Combined Flow 70 L/M

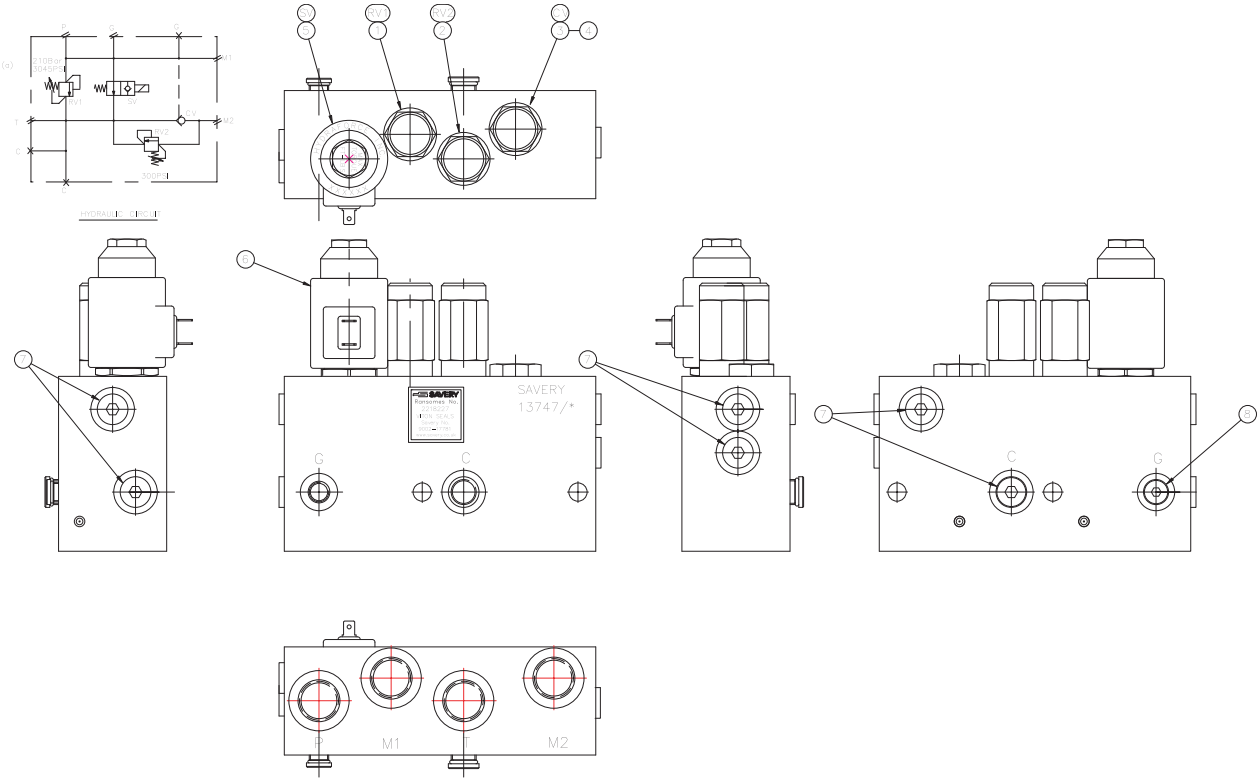
Maximum Working Pressure
F =280 Bar
B,C,E =230 Bar
TORQUE SETTINGS REFER TO SECTION 1



HYDRAULIC CIRCUIT

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	4131525	Transmission Valve		
	4176162	Transmission Valve		From s/n EB000554
1	N/A	Manifold	1	
2	008089830	Flow Divider / Combiner	1	
3	008089850	Piloted, Popet Type Logic Element	2	
4	008089860	Piloted Directional Valve	1	
5	008089870	Solenoid Valve	1	
*	4210887	Hirschmann Style Connector	1	
6	008089880	Shuttle Valve	1	
7	008089940	Check Valve	2	
8	4132060	Cross Line Relief Valve	1	
9	4132063	1/4" UNF Jet (Drilled 1.8mm Dia)	1	
10	4132063	1/4" UNF Jet (Drilled 1.8mm Dia)	1	
11	008089960	Blanking Plug (Viton)	3	
12	4115573	Blanking Plug (Viton)	1	

24 WING DECK VALVE



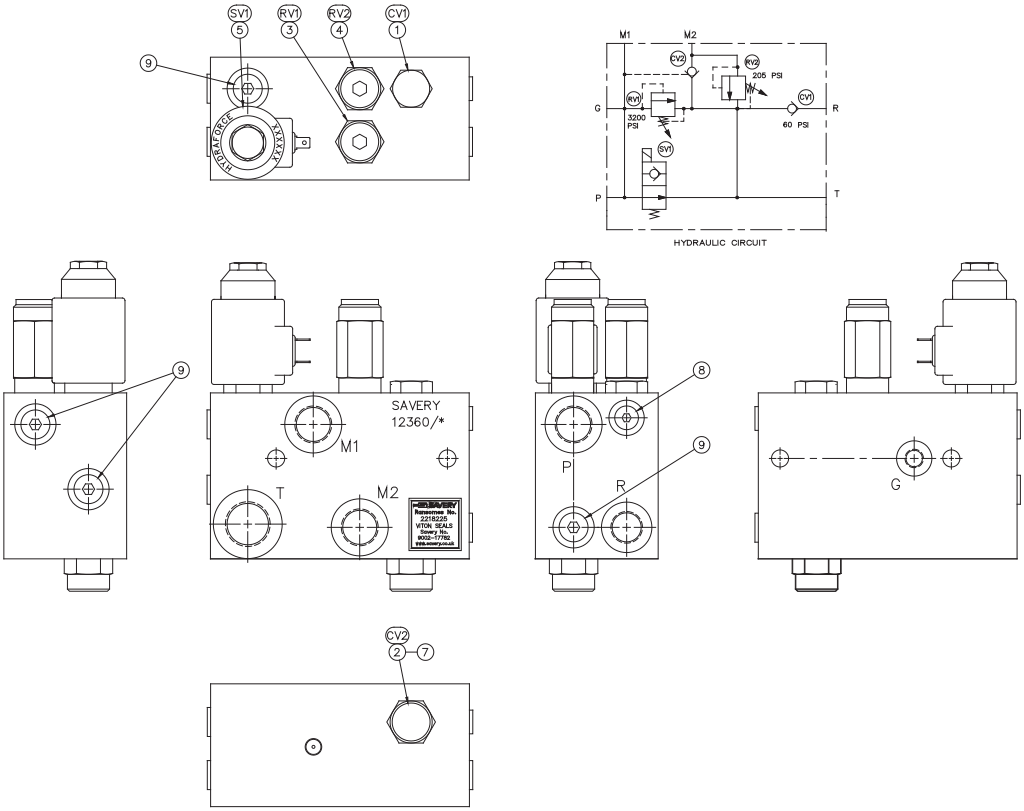
Ports, P, M1, M2 & T - SAE 10
Ports C& C - SAE 6
Ports G & G -SAE 4

Maximum Working Pressure = 220 Bar

TORQUE SETTINGS REFER TO SECTION 1

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	2218227	Deck Valve	1	
	4176161	Deck Valve	1	From s/n EB000554
1	178102-42	RV10 - 22H - 0 - V - 35 / M210	1	
	178102-01	SK10 2V B		
2	178102-13	RV10 - 22H - 0 - V006 / 3.0	1	
	178102-01	SK10 - 2V - T		
3	178102-31	CV10 - 20 - O - V - 70	1	
	178102-01	SK10 - 2V - T		
4	178102-14	Pilot Piston 7013200S	1	
5	178102-16	SV10 - 21W - 0 - V - 00	1	
	178102-01	SK10 - 2V - T		
6	178102-17	Coil 6351012	1	
*	4210887	Hirschmann Style Connector	1	
7	178102-19	SAE Plug	6	
	178102-09	Seal		
8	178102-18	SAE Plug	1	
	178102-10	Seal		

25 DECK VALVE

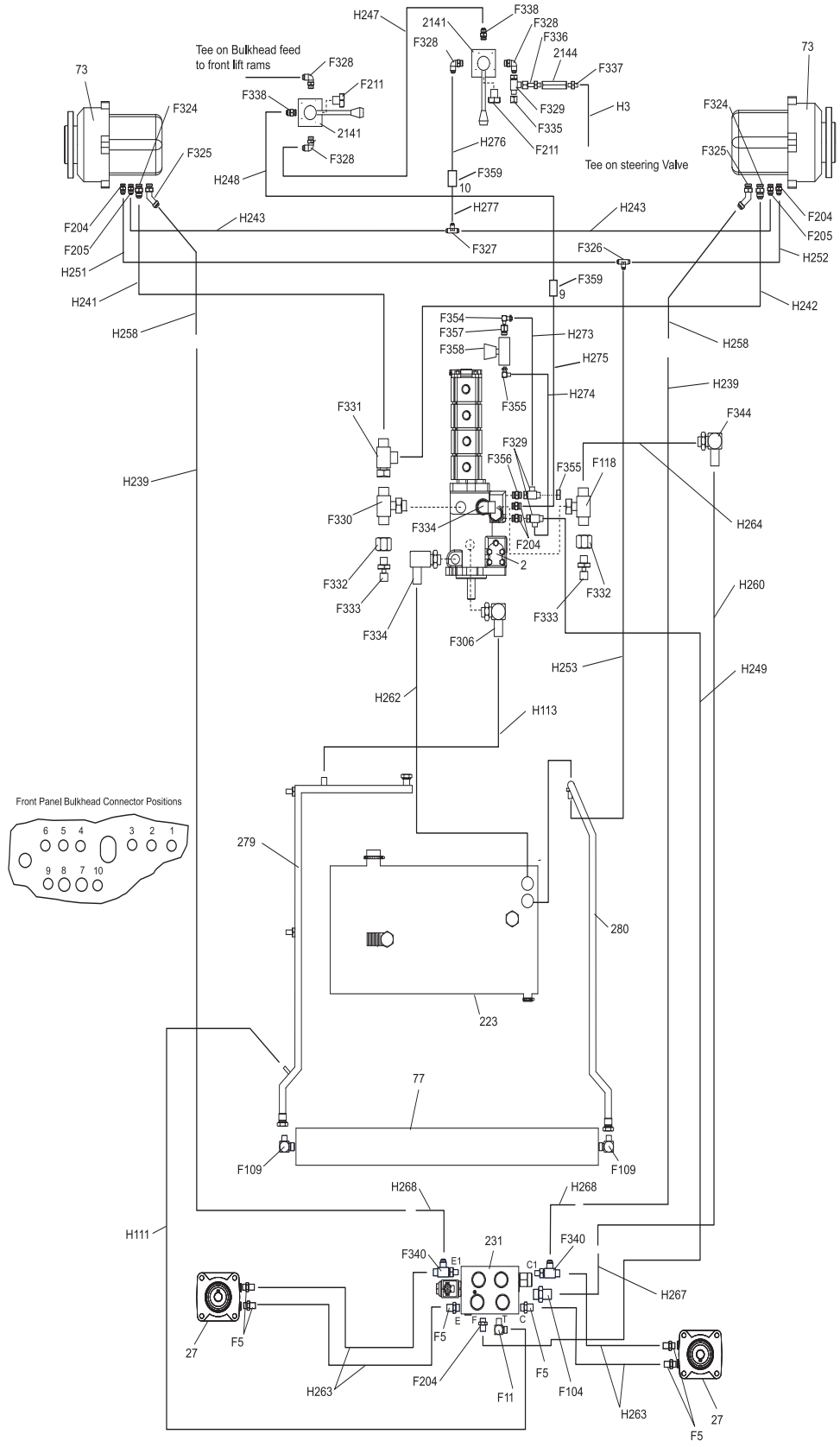


Port T	- SAE 12
Ports P, M1 & M2	- SAE 10
Port R	- SAE 8
Port G	- SAE 4

TORQUE SETTINGS REFER TO SECTION 1

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	2218225	Front Deck Valve		
	4176160	Front Deck Valve		From Serial No EB000554
1	178102-58	CV08 - 20 - 0 - V - 80	1	
	178102-03	SK08 - 2V - T		
2	178102-59	CV10 - 20T - 0 - V - 300	1	
	178102-01	SK10 - 2V - T		
3	178102-79	RV10 - 22H - 0 - V - 35 / 32	1	
	178102-02	SK10 - 2V - B		
4	178102-34	RV10 - 2005H - (Viton)	1	
	178102-02	SK10 - 2V - B		
5	178102-16	SV10 - 21W - 0 - V - 00	1	
	178102-01	SK10 - 2V - T		
6	178102-17	Coil 6351012	1	
*	4210887	Hirschmann Style Connector	1	
7	178102-57	Pilot Piston 7013200S	1	
8	178102-19	SAE Plug	1	
	178102-09	Seal		
9	178102-18	SAE Plug	4	
	178102-10	Seal		

26.1a HYDRAULIC TRANSMISSION - PART 1



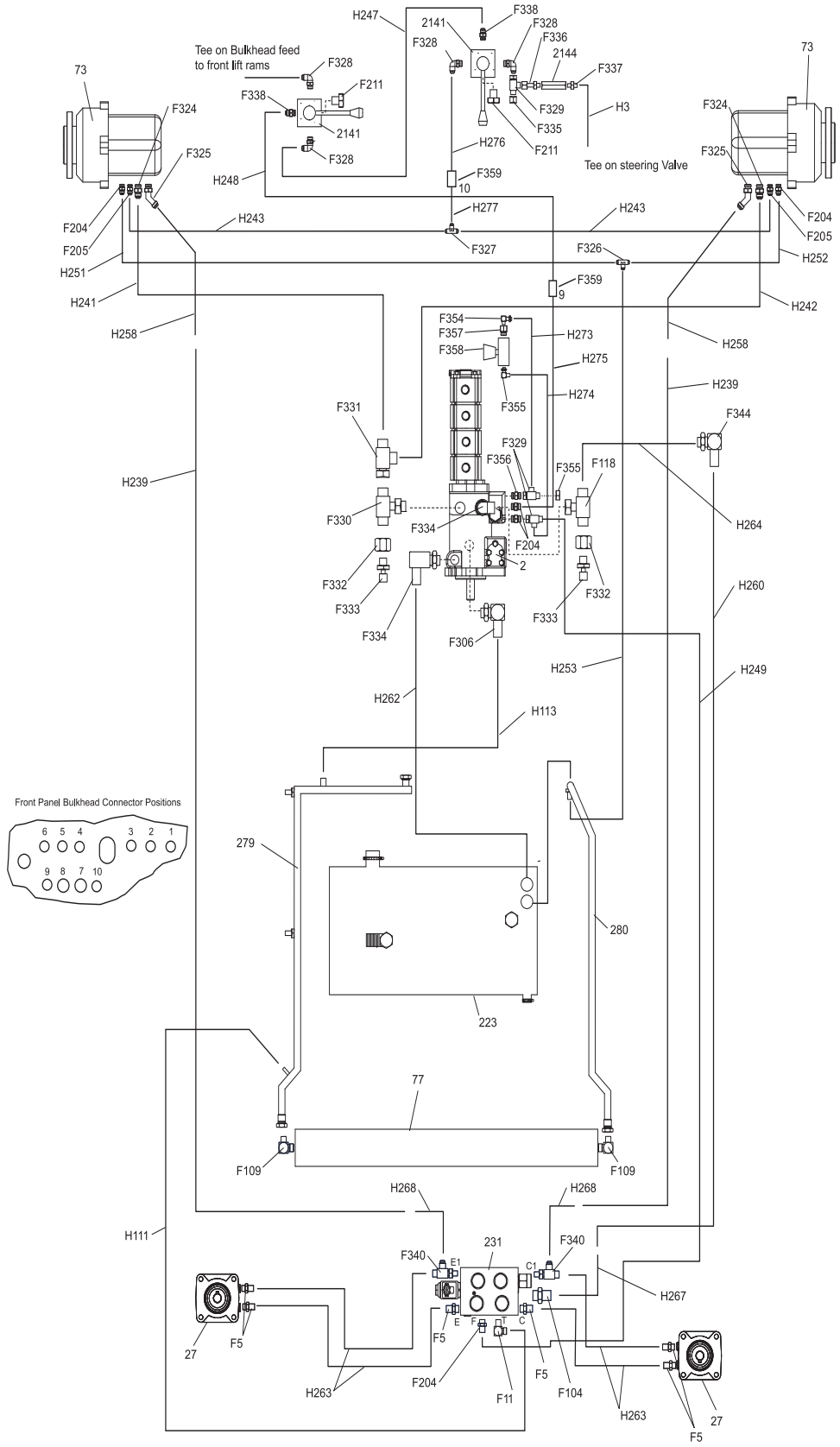
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
2	008007120	Transmission Pump	1	
27	W148141-03	Hydraulic Motor	2	
73	008007240	Hydraulic Wheel Motor	2	To S/N EB000586
73	4228800	Kit-Front Wheel Motor	2	from S/N EB000587
77	006911730	Oil Cooler	1	
223	2218148	Hydraulic Reservoir	1	
231	4131525	Transmission Valve	1	
	4176162	Transmission Valve (ref page 69)	1	
279	4124407	Oil Cooler Tube Inlet	1	To S/N EB000586
279	4189680	Oil Cooler Tube Inlet	1	From S/N EB000587
280	4124116	Oil Cooler Tube Outlet	1	To S/N EB000586
280	4189681	Oil Cooler Tube Outlet	1	From S/N EB000587
2141	008028345	Hydraulic Rotary Valve	2	
2144	008011210	Check Valve	1	
	008012590	Free Wheel Valve	1	
		HYDRAULIC FITTINGS		
F5	W158006-07	FTG-M/M 1 ORS x 7/8 SAE	12	
F11	158058-04	90-M/M 9/16 SAE x .38 BARB	3	
F104	W158006-08	FTG-M/M 1-3/16 ORS x 1-1/16 SAE	2	
F109	158007-12	FittingG-90 ORS/ORB	2	
F118	69057-02	Fitting-Branch TEE -12 ORS	1	
F204	158006-15	Fitting-ORS/ORB	6	
F205	158006-13	Ftg-M/M 11/16 ORFS x 3/4 SAE	2	From S/N EB000587
F211	2690017-01	Fitting-ORB Plug 14	2	
F306	W15058-02	90-M/M 1-1/16 SAE x 1.00 BARB	3	
F324	W158006-11	FTG-M/M 1 ORS x 1-1/16 SAE	2	To S/N EB000586
F324	158006-07	Ftg-M/M 1 ORFS x 7/8 SAE	2	From S/N EB000587
F325	002498420	45-M/M 1 ORS x 1-1/16 SAE	2	To S/N EB000586
F325	002535010	45-M/M 1 ORFS x 7/8 SAE	2	From S/N EB000587
F326	W158011-01	TEE-M/M/M 11/16 ORS	1	
F327	002498400	TEE-M/F/M 11/16 ORS	2	
F328	002590710	90-M/M 9/16 ORS x 3/8 BSPP	4	
F329	002590480	TEE-M/F/M 9/16 ORS	3	
F330	002590910	TEE-M/M/M 1-3/16ORSx1-5/16SAE	1	
F331	002498870	TEE-M/F/M 1-3/16 ORS	1	
F332	002498900	Test Point-1/4 BSPP x 1-3/16 ORS	2	
F333	002449006	Test Point-1/4 BSPP	2	
F334	4128497	90Deg. Elbow.	1	
F335	002560010	CAP-9/16 ORS	2	
F336	002590740	FTG-F/M 9/16 ORS x 1/4 BSPP	1	
F337	002590750	FTG-9/16 ORS x 1/4 BSPP	1	
F338	002590730	FTG-9/16 ORS x 3/8 BSPP	2	
F340	002590130	TEE-M/M/M 1 ORS(2) x 7/8 SAE See Section 26.1b For Machines From & Including Serial No. EB000### or Fitted With Kit LMAC159	2	
F344	W69055-03	90DEG.BULKH.M/M 1-3/16"ORFS	1	
F354	002497690	90 BLKHD-M/M 7/16 JIC	1	
F355	002498790	90-M/M 1/4 BSP x 7/16 JIC	1	
F357	002600520	FTG M/F 1/4 BSP x 7/16 JIC	1	

FLAT FACE 'O' RING

PART NUMBER	TUBE O.D.	AS-568#
158061-01	3/8"	-012
158061-02	1/2"	-014
158061-08	5/8"	-016
158061-09	3/4"	-018
158061-15	1 1/4"	-025

* Not Illustrated

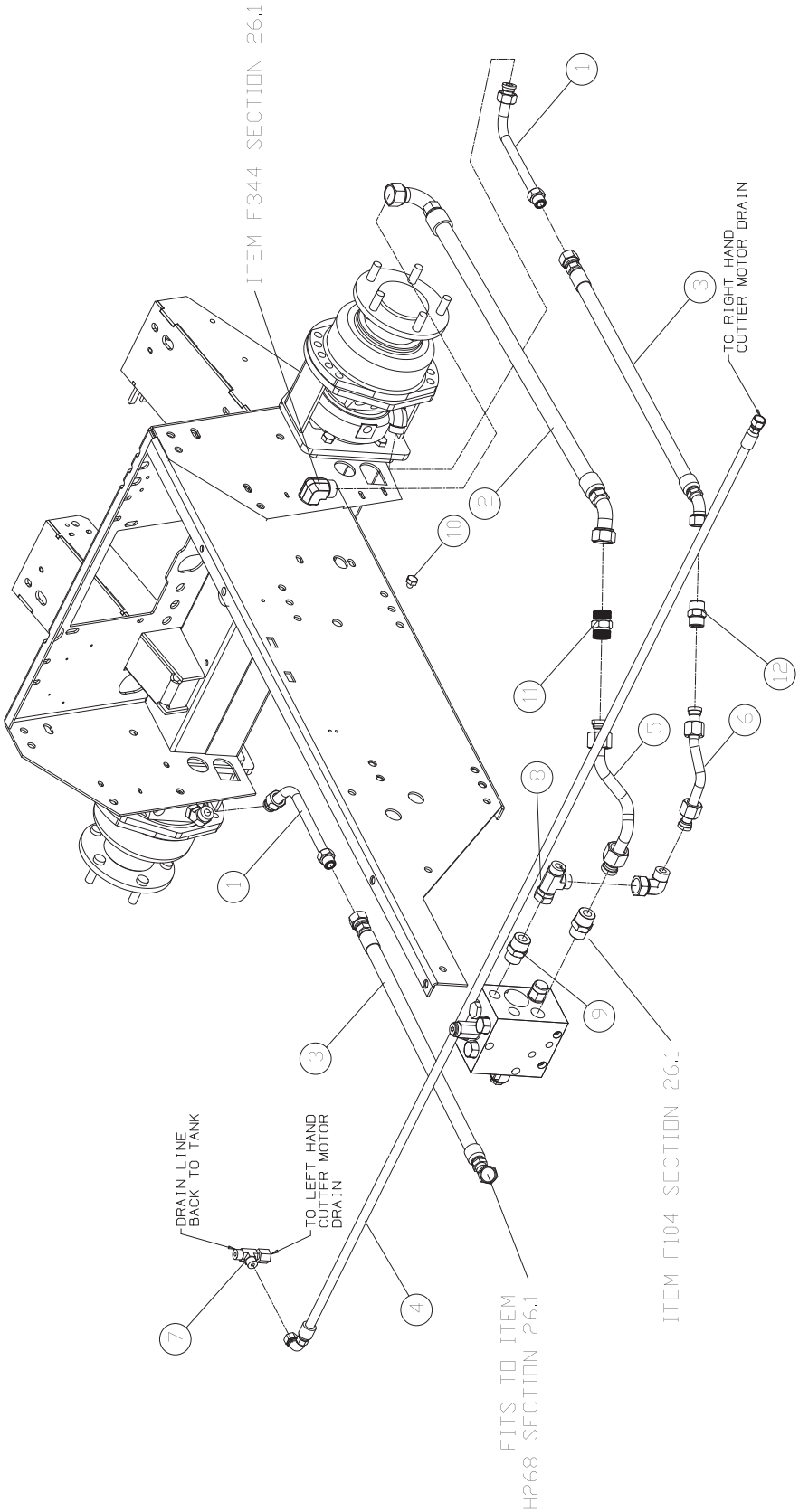
26.1a HYDRAULIC TRANSMISSION - PART 1



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F358	008012590	Needle Valve Parker NDV8	1	
F359	002590290	Bulkhead 9/16 ORFS	2	
		HOSES & TUBES	1	
H3	007996720	Hose-11/16 90F-9/16 90F x 445 LG	1	To S/N EB000644
H3	4266936	Hose Assy (04RM2-OO-0490-0690-510-0)	1	From S/N EB000645
H111	005606073	Hose-Hyd 3/8" BORE x 725 mm	2	
H113	69059-06	S-Hose 1.88 X 1.25 X 20	1	Alternative 4124387
H209	007997430	Hose	1	
H239	4130817	Hose Assembly	2	See Note 1
H241	4124770	Hose Assembly	1	
H242	4124771	Hose Assembly	1	
H243	4124772	Hose Assembly	2	
H247	4124775	Hose Assembly	1	
*	4124776	Hose Assembly	1	To S/N EB000464 - for emergency brake release valve
*	4147376	Hose Assembly	1	From S/N EB000465 for emergency brake release valve
*	4122062	Hose Assy (04RM2-OO-04F-04F-1005)	1	From S/N EB000645 - for emergency brake release valve
H248	4149700	Hose Assembly	1	
H249	4124778	Hose Assembly	1	
H251	4124780	Hose Assembly	1	To S/N EB000586
H251	4239862	Hose-Front LH Motor Drain	1	From S/N EB000587
H252	4124781	Hose Assembly	1	To S/N EB000586
H252	4239863	Hose-Front RH Motor Drain	1	From S/N EB000587
H253	4124782	Hose Assembly	1	
H258	4125237	Front Motor Tube	2	See Note 1
H260	4130816	Hose Assembly	1	See Note 1F356002515100FTG-9/16 ORS x 9/16 SAE1
H262	4126979	Hose - Hyd 1"	1	
H263	4126862	Hose Assembly	4	
H264	4243922	Hose Assembly	1	
H267	4129978	Tube-Hyd, Trans. Valve	1	See Note 1
H268	4129979	Tube-Hyd, Trans. Valve	2	See Note 1
H273	4131012	Hose Assembly-Tow Valve	1	
H274	4131013	Hose AssemblyY-Tow Valve	1	
H275	4149697	Hose Assembly	1	
H276	4124774	Hose Assembly	1	Before s/n EB000464
	4149700	Hose Assembly	1	After s/n EB000465
H277	4147375	Hose Assembly	1	
	Note 1	See Section 26.1b For Machines From & Including Serial No. EA000424 or Fitted With Kit LMAC159		

FLAT FACE 'O' RING		
PART NUMBER	TUBE O.D.	AS-568#
158061-01	3/8"	-012
158061-02	1/2"	-014
158061-08	5/8"	-016
158061-09	3/4"	-018
158061-15	1 1/4"	-025

26.1b HYDRAULIC TRANSMISSION - PART 2

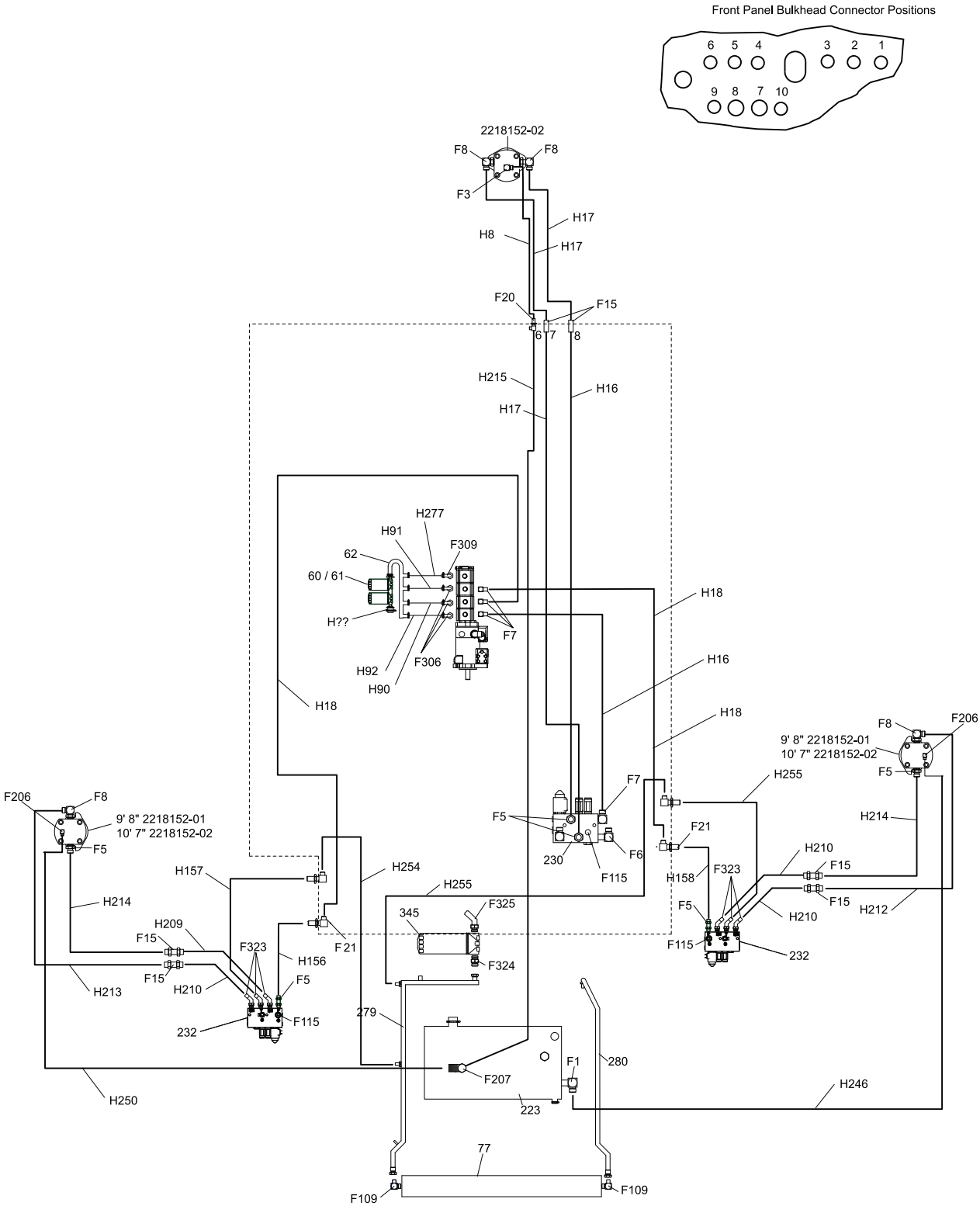

ITEM F344 SECTION 26.1
TO RIGHT HAND CUTTER MOTOR DRAIN
DRAIN LINE BACK TO TANK
TO LEFT HAND CUTTER MOTOR DRAIN
FITS TO ITEM H268 SECTION 26.1
ITEM F104 SECTION 26.1

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	4136486	Steel Tube Front Motor	2	
2	4136487	Hose Assembly	1	
3	4136488	Hose Assembly	2	
4	4136490	Hose Assembly	1	
5	4139821	Steel Tube	1	
6	4136140	Steel Tube	1	
7	002498400	Tee 11/16 ORS	1	
8	002590110	Tee 1in ORS	1	
9	158006-07	Fitting 1in ORB/ORS	1	
10	2690017-03	Plug	1	
11	4131057	Fitting M/M 1 13/16 ORS	1	
12	4131056	Fitting M/M 1in ORS	1	

FLAT FACE 'O' RING

PART NUMBER	TUBE O.D.	AS-568#
158061-01	3/8"	-012
158061-02	1/2"	-014
158061-08	5/8"	-016
158061-09	3/4"	-018
158061-15	1 1/4"	-025

26.2 HYDRAULIC UNIT DRIVE - PART 3

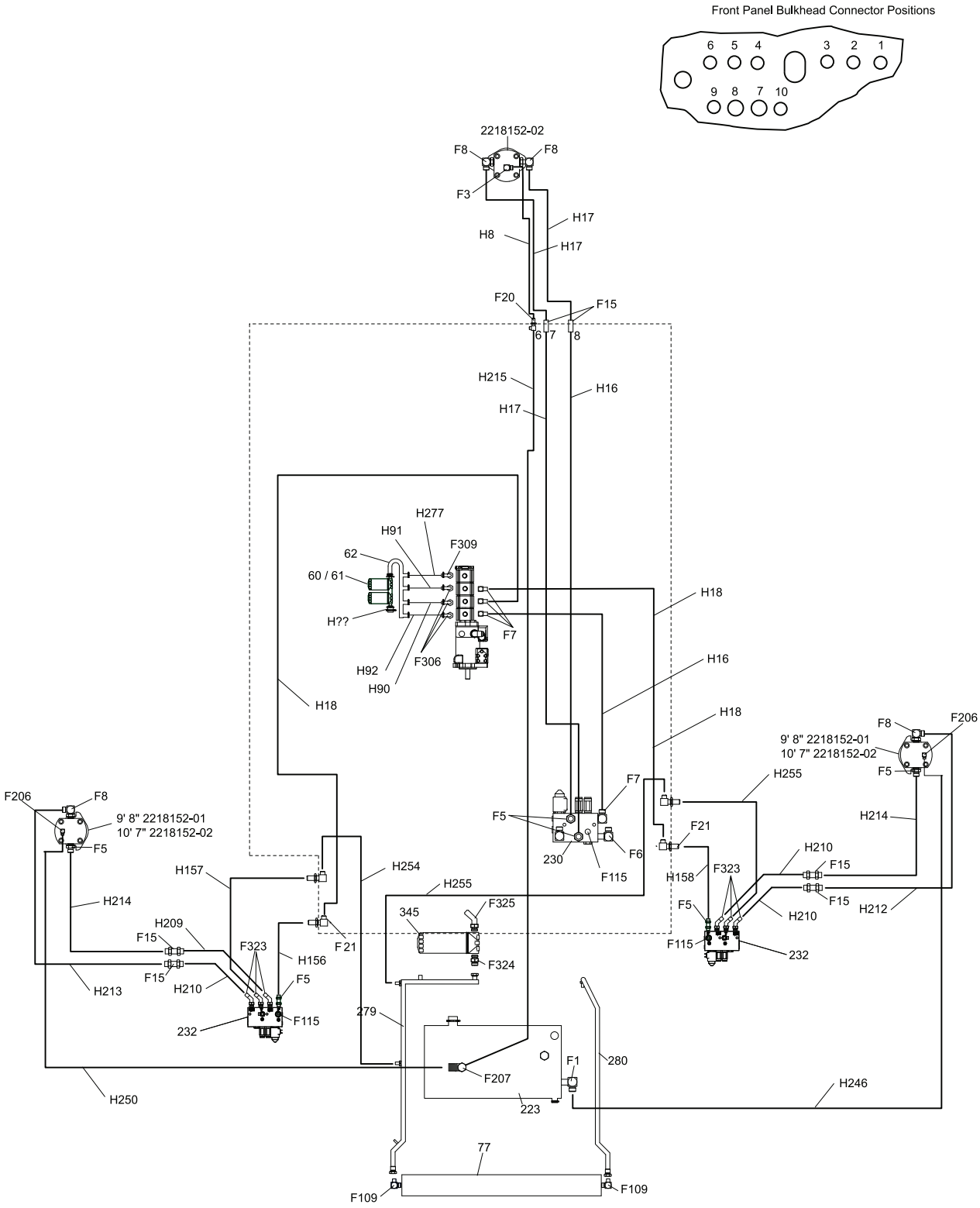


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
60	178024	Filter Head	1	
61	178025	Filter	2	
62	178043-7	Filter Tube	1	
77	006911730	Oil Cooler	1	
223	2218148	Hydraulic Reservoir	1	
230	2218225	Front Unit DeckValve	1	
	4176160	Front Unit DeckValve	1	Ref Page 71
232	2218227	L & RH Deck Valve	2	
	4176161	L & RH Deck Valve	2	Ref Page 69
345	4252570	Hydraulic Filter	1	Sender 008089810
345	008089620	Filter Element	1	
		HYDRAULIC FITTINGS		
F1	W158007-01	90-M/M 11/16 ORS x 9/16 SAE	9	See Note 1
F3	W158006-01	FTG-M/M 11/16 ORS x 9/16 SAE	4	
F5	W158006-07	FTG-M/M 1 ORS x 7/8 SAE	12	
F6	W158007-02	90-M/M 13/16 ORS x 3/4 SAE	2	
F7	W158007-05	90-M/M 1 ORS x 7/8 SAE	8	
F8	W158007-07	90-M/M 1-3/16 ORS x 1-1/16 SAE	1	
F15	W158067-02	FTG-BLKHD M/M 1 ORS	2	
F20	W69055-01	90 BLKHD-M/M 11/16 ORS	5	
F21	W69055-02	90 BLKHD-M/M 1 ORS	8	
F109	158007-12	Fitting-90 ORS/ORB	2	
F115	W178079	Test Fitting	4	
F206	W158007-09	90-M/M 11/16 ORS x 7/16 SAE	5	
F207	158056-02	FTG-ORS/O-RING TEE	1	
F306	4132734	90-M/M 1-1/16 SAE x 1.00 BARB	3	
F309	2690011	FTG-10-3/4 ADPT ORB/BARB-90	1	
F323	002535040	45-M/M 1 ORS x 7/8 SAE	6	
F324	W158006-11	FTG-M/M 1 ORS x 1-1/16 SAE	2	
F325	002498420	45-M/M 1 ORS x 1-1/16 SAE	4	

FLAT FACE 'O' RING

PART NUMBER	TUBE O.D.	AS-568#
158061-01	3/8"	-012
158061-02	1/2"	-014
158061-08	5/8"	-016
158061-09	3/4"	-018
158061-15	1 1/4"	-025

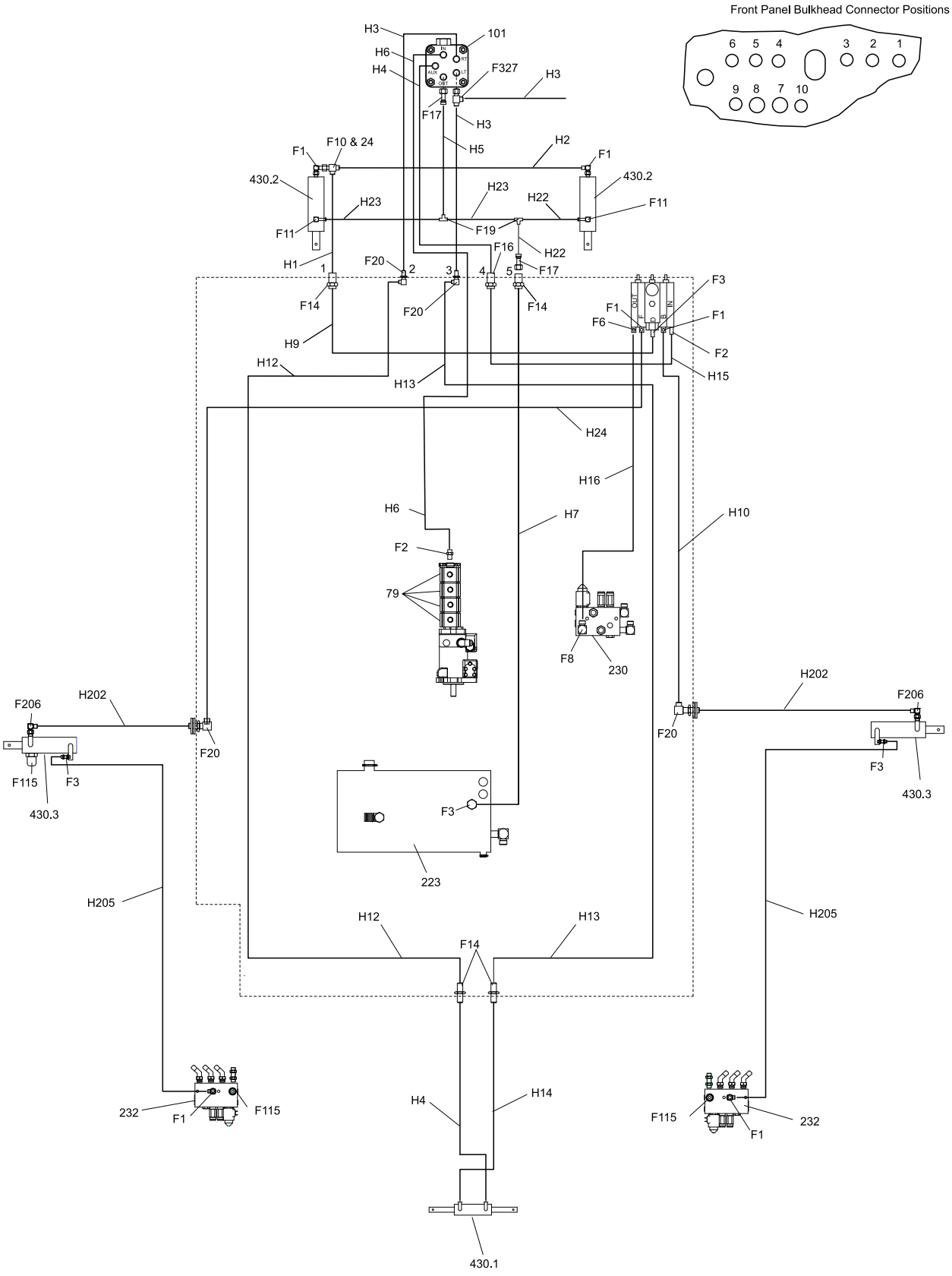
26.2 HYDRAULIC UNIT DRIVE - PART 3



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		HOSES & TUBES	1	
H8	2692215-25	Hose-3/8 ORS/90 ORS X 23.00	1	
H14	2692217-11	Hose-3/8 ORS/45 ORS X 19.50	2	
H16	2692223-05	Hose-1/2-ORS/90 ORS	1	
H17	2692224-05	Hose-5/8 ORS/ORS X 24.75	2	
H18	2692240-02	Hose-5/8 ORS/90 ORS X 45.38	2	
H90	4136016	Hose-HYD 1" BORE x 180 mm	1	
H91	4136016	Hose-HYD 1" BORE x 180 mm	1	
H92	4136016	Hose-HYD 1" BORE x 180 mm	1	
H156	2218031	Tube-LH Wing Valve P	1	
H157	2218032	Tube-LH Wing Valve T	1	
H158	2218036	Tube	1	
H209	007997430	Hose	1	
H210	007997440	Hose	3	
H212	007997460	Hose	1	
H213	007997470	Hose	1	
H214	007997480	Hose	2	
H215	2692215-25	Hose-3/8 ORS/90 ORS X 23.00	1	
H250	4124779	Hose Assembly	1	
H254	4124783	Hose Assembly	1	
H255	4124784	Hose Assembly	1	
H257	4124854	Tube-RH Wing Valve	1	
H271	108092-02	S Hose, 7.5	1	
H272	2218033	Tube-LH Wing Valve M1	1	
H277	4142406	Hose	1	
		Note 1 See Section 26.1b For Machines From & including Serial No. EB000### or Fitted With Kit LMAC159		

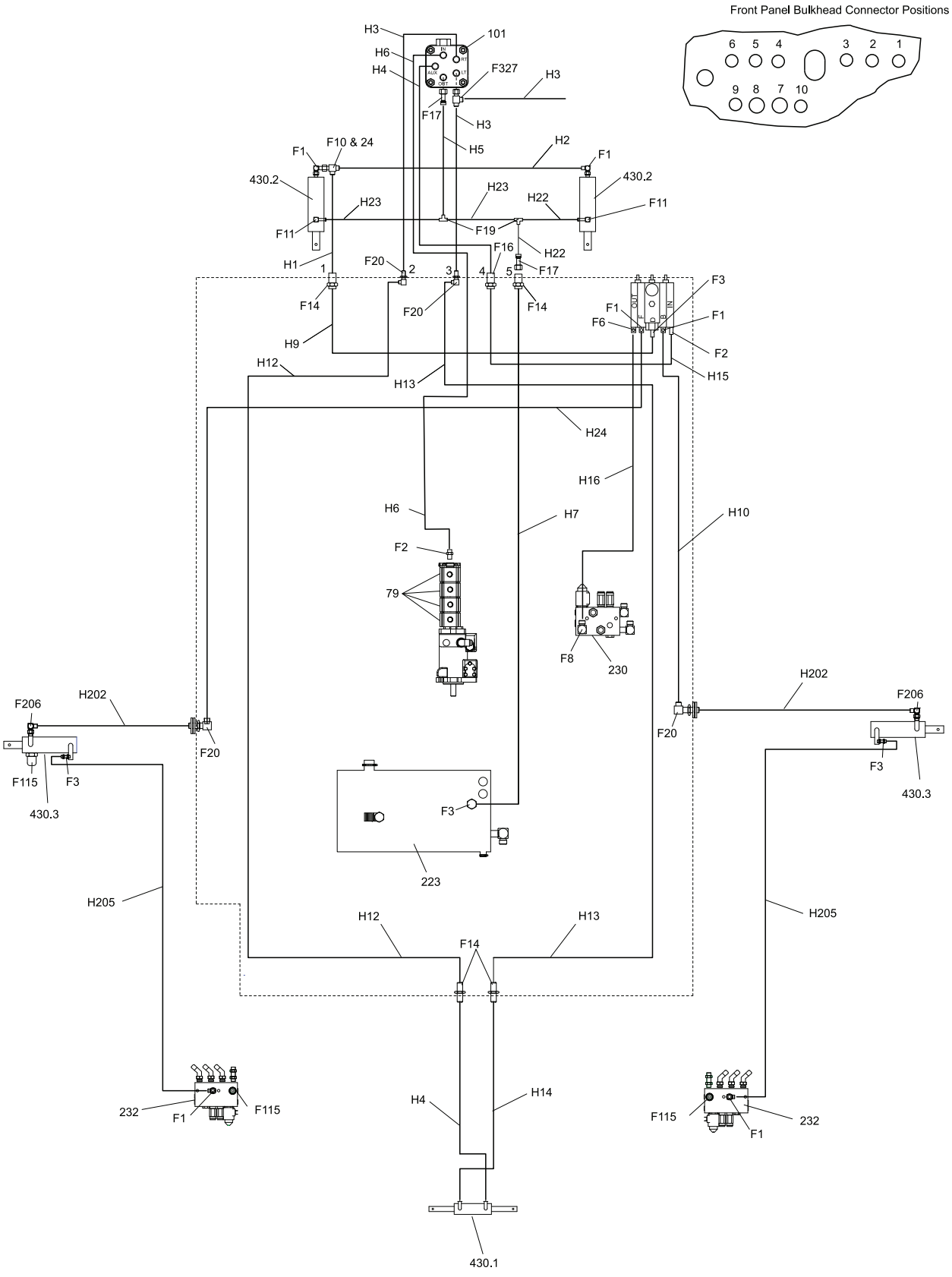
FLAT FACE 'O' RING		
PART NUMBER	TUBE O.D.	AS-568#
158061-01	3/8"	-012
158061-02	1/2"	-014
158061-08	5/8"	-016
158061-09	3/4"	-018
158061-15	1 1/4"	-025

26.3 HYDRAULIC STEERING & LIFT - PART 4



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
79	2178214	Pump 4 Section	1	
101	4169420	Steer Valve & Column	1	from serial no. EB000543
101	4124000	Steering Valve & Column	1	to serial no. EB000542
223	2218148	Hydraulic Reservoir	1	
230	2218225	Front Unit DeckValve	1	
	4176160	Front Unit DeckValve	1	Ref Page 71
232	2218227	L & RH Deck Valve	2	
	4176161	L & RH Deck Valve	2	Ref Page 69
430.1	W148404	Steering Ram	1	4137592 AH Garner
430.1	4205080	Cylinder PS	1	To S/N EB000630
430.1	4244291	D/A Hyd Cyl, 50 x 122, Steering	1	From S/N EB000631
*	4291656	Seal Kit for 4244291		
430.2	4244286	Llift Ram Front Deck	2	To S/N EB000630
	4291651	• Seal Kit		
430.2	4244286	D/A Hyd Cyl, 25 x 84, Lift	2	From S/N EB000631
430.3	4244307	Lift Ram Wing Deck	2	To S/N EB000630
430.3	4244307	D/A Hyd Cyl, 25 x 193.5, Lift	2	From S/N EB000631
*	4291656	Seal Kit for 4244307	A/R	From S/N EB000631
		HYDRAULIC FITTINGS		
F1	W158007-01	90-M/M 11/16 ORS x 9/16 SAE	9	
F2	158006-05	Fitting ORS/ORB	2	
F3	W158006-01	FTG-M/M 11/16 ORS x 9/16 SAE	4	
F5	W158007-02	90-M/M 13/16 ORS x 3/4 SAE	2	
F8	W158007-07	90-M/M 1-3/16 ORS x 1-1/16 SAE	1	
F10	W158010-01	Fitting - ORS Run Tree	1	
F11	W158058-04	90-M/M 9/16 SAE x .38 BARB	3	
F14	W158067-01	FTG-BLKHD M/M 11/16 ORS	4	
F16	158067-04	FTG-BLKHD ORS/ORS	1	
F17	2690019-01	Fitting-ORS STR. Stem	1	
F19	58026-01	3 Way Connector 3/8	2	
F20	W69055-01	90 BLKHD-M/M 11/16 ORS	5	
F24	W69068-05	Orifice Disk-11/16 ORS x .089	1	
F115	W178079	Test Fitting	4	
F206	W158007-09	90-M/M 11/16 ORS x 7/16 SAE	5	
F327	002498400	TEE-M/F/M 11/16 ORS	2	

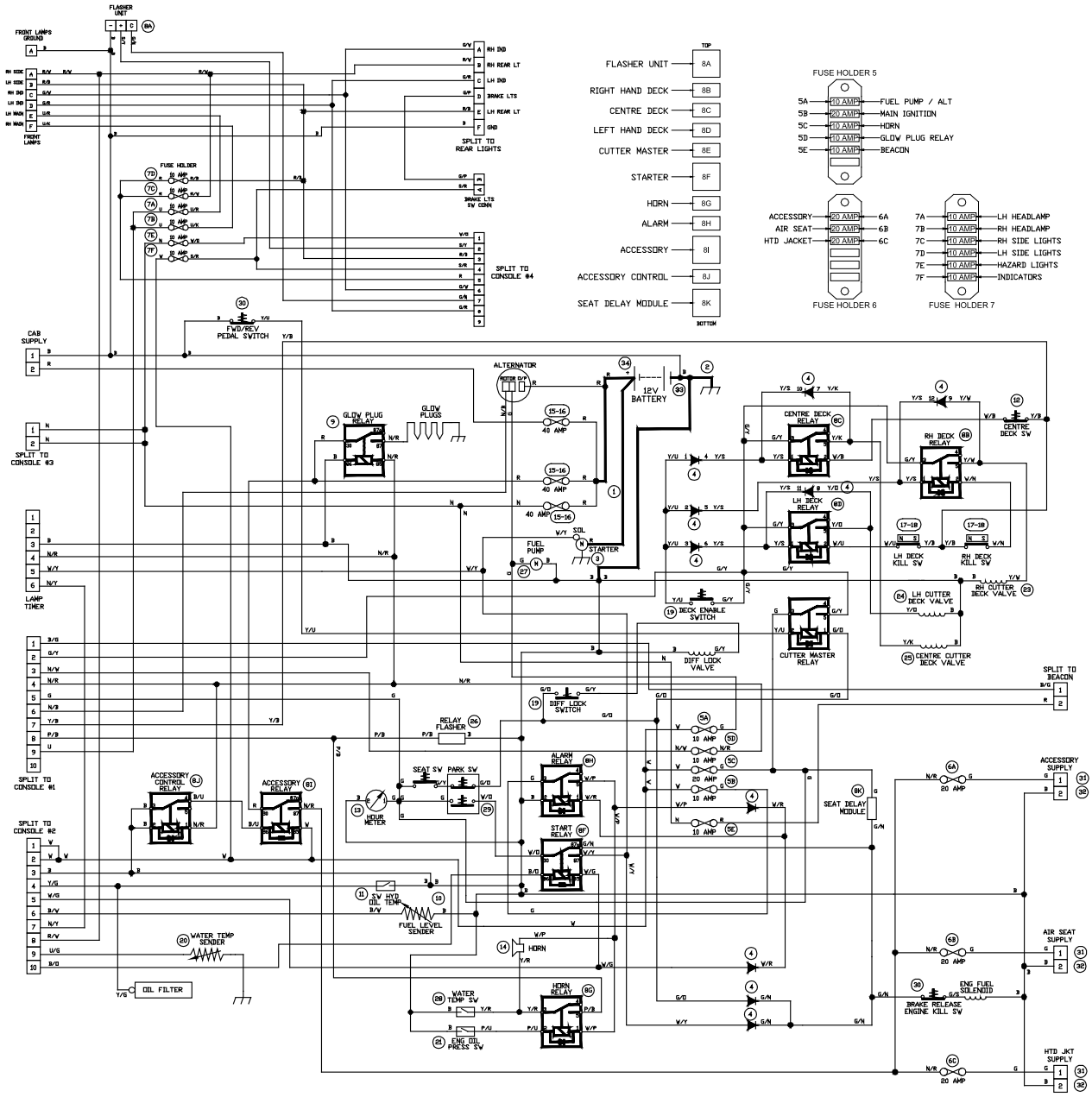
26.3 HYDRAULIC STEERING & LIFT - PART 4



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		HOSES & TUBES	1	
H1	2692214-02	Hose-3/8 ORS/ORS X 11.25	1	
H2	2692214-09	Hose-3/8 ORS/ORS X 13.50	1	
H1	2692214-02	HoseE-3/8 ORS/ORS X 11.25	1	
H2	2692214-09	Hose-3/8 ORS/ORS X 13.50	1	
H3	2692214-10	Hose-3/8 ORS/ORS X 44.13	2	To S/N EB000644
H3	4266933	Hose Assy (06RM2-OO-06F-06F-915)	2	From S/N EB000645-to Steering Ram
H3	4266936	Hose Assy (04RM2-OO-0490-0690-510-0)	1	From S/N EB000645- to Brake Valve
H4	2692214-11	Hose-3/8 ORS/ORS X 17.00	1	To S/N EB000644
H4	4266934	Hose Assy (06RM2-OO-08F-06F-875)	1	From S/N EB000645
H5	005606073	Hose-Hyd 3/8" Bore x 725 mm Lg	1	To S/N EB000644
H5	4266935	Hose Assy (06R6-O-06F-820)	1	From S/N EB000645
H6	4132934	Hose-3/8 ORS/90 ORS X 39.00	1	To S/N EB000644
H6	4266932	Hose Assy (06RM2-OO-06F-0690L-1055)	1	From S/N EB000645
H7	2692215-19	Hose-3/8 ORS/90 ORS X 12.25	1	
H9	2692216-02	Hose-3/8 90 ORS/45 ORS X 24	1	
H10	2692216-03	Hose-3/8 90 ORS/45 ORS X 22.88	1	
H12	2692217-09	Hose-3/8 ORS/45 ORS X 57.00	1	
H13	2692217-10	Hose-3/8 ORS/45 ORS X 62.50	1	
H14	2692217-11	Hose-3/8 ORS/45 ORS X 19.50	1	
H15	2692223-04	Hose-1/2 ORS/90 ORS X 21.25	1	
H16	2692223-05	Hose-1/2-ORS/90 ORS	1	
H22	005606115	Hose-HYD 3/8" Bore x 115mm	2	
H23	005606155	Hose-HYD 3/8" Bore x 155 mm	2	
H24	2692216-04	Hose-3/8 90 ORS/45 ORS	1	
H202	2692215-13	Hose-3/8 ORS/90 ORS X 34.75	2	
H205	2692217-14	Hose-3/8 ORS / 45 ORS X 51.00	2	

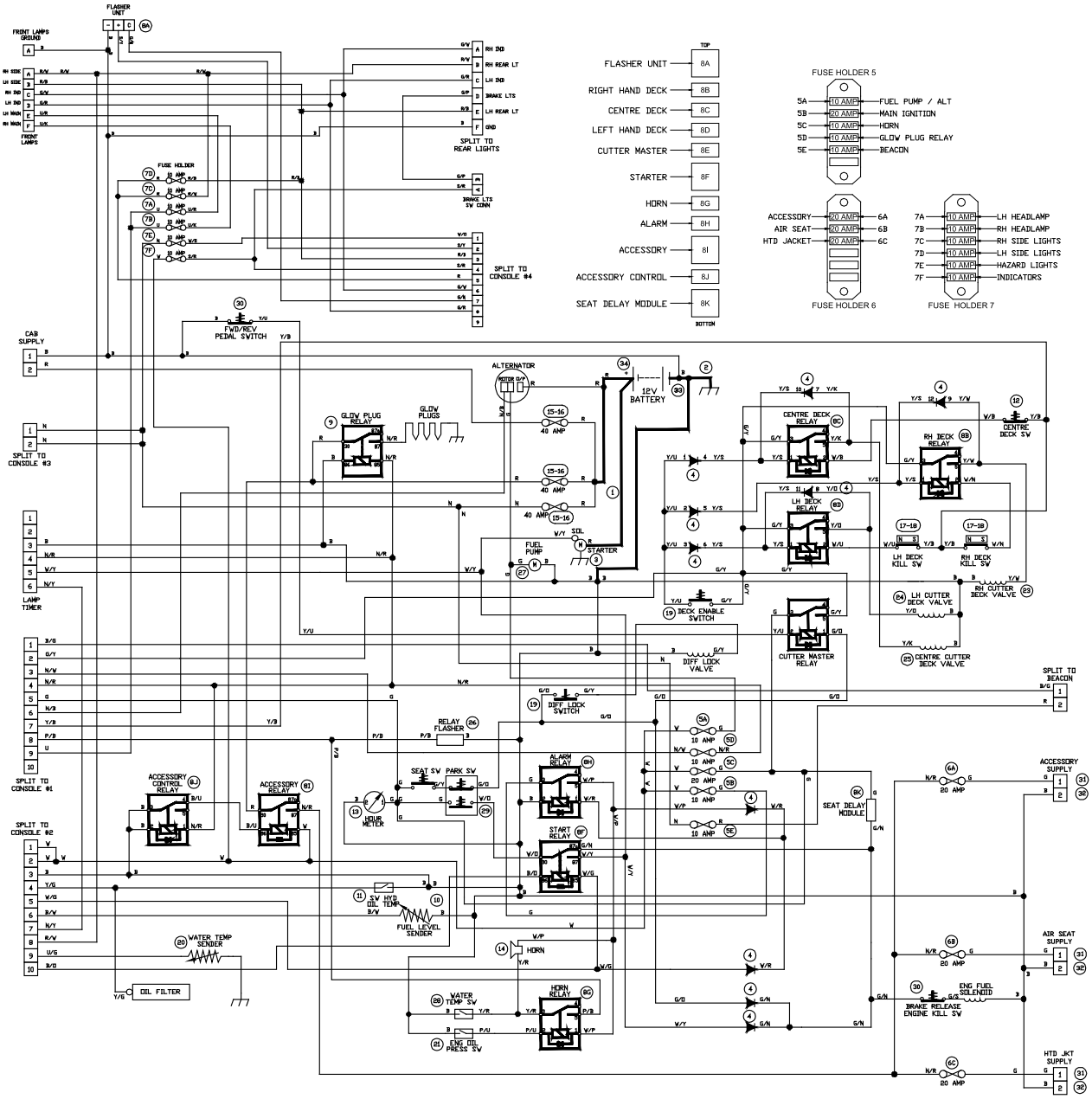
FLAT FACE 'O' RING		
PART NUMBER	TUBE O.D.	AS-568#
158061-01	3/8"	-012
158061-02	1/2"	-014
158061-08	5/8"	-016
158061-09	3/4"	-018
158061-15	1 1/4"	-025

27a MAIN WIRING PRE 2006



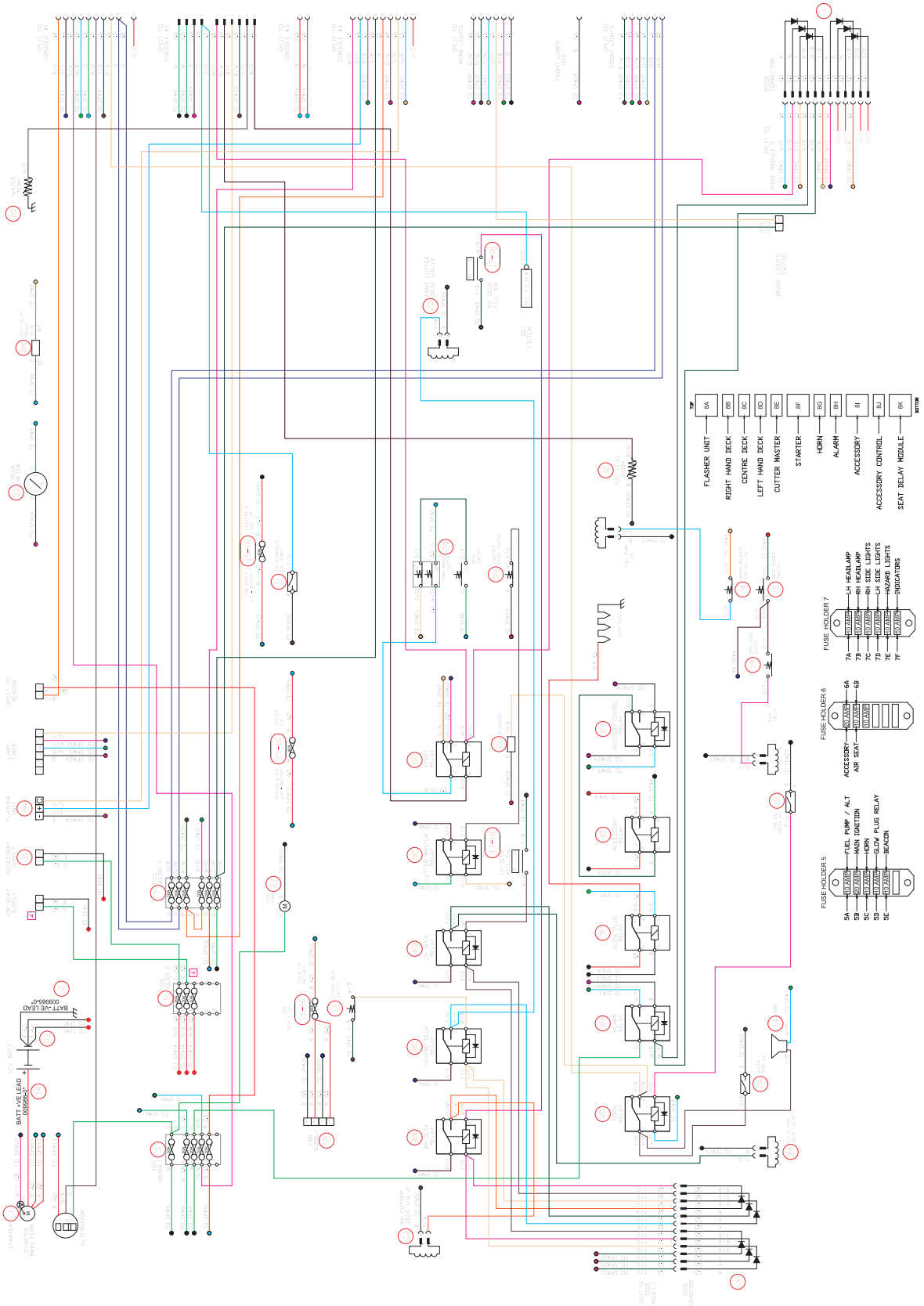
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	4128337	Wiring Harness - Main		
1	4128340	Cable-Battery Negative	1	
2	4128341	Cable-Batery Positive	1	
3	009050460	Lead - Ground	1	
4	4128338	Diode Assembly	2	
5A	008233164	Fuse 10 Amp (Fuel Pump / Alt)	1	
5B	008233180	Fuse 20 Amp (Main Ignition)	1	
5C	008233164	Fuse 10 Amp (Horn)	1	
5D	008233164	Fuse 10 Amp (Glow Plug Relay)	1	
5E	008233164	Fuse 10 Amp (Beacon)	1	
6A	008233180	Fuse 20 Amp (Accessory)	1	
6B	008233180	Fuse 20 Amp (Air Seat)	1	
6C	008233180	Fuse 20 Amp (Heated Jacket)	1	
7A	008233164	Fuse 10 Amp (LH Head Lamp)	1	
7B	008233164	Fuse 10 Amp (RH Head Lamp)	1	
7C	008233164	Fuse 10 Amp (RH Side Lights)	1	
7D	008233164	Fuse 10 Amp (LH Side Lights)	1	
7E	008233164	Fuse 10 Amp (Hazard Lights)	1	
7F	008233164	Fuse 10 Amp (Indicators)	1	
8A	008244553	Flasher Unit	1	
8B	008244700	Relay 1/2 Size (R/H Deck)	1	
8C	008244700	Relay 1/2 Size (Cen Deck)	1	
8D	008244700	Relay 1/2 Size (L/H Deck)	1	
8E	008244700	Relay 1/2 Size (Cutter Master)	1	
8F	008244690	Relay (Starter)	1	
8G	008244700	Relay 1/2 Size (Horn)	1	
8H	008244700	Relay 1/2 Size (Alarm)	1	
8I	008244660	Relay (Accessory)	1	
8J	008244700	Relay 1/2 Size (Accessory Control)	1	
8K	008244640	Seat Delay Module	1	
9	008244740	Relay 70 Amp - Glow Plug	1	
10	002218046	Sender - Fuel Level	1	
11	008296050	Temperature Switch 175f	1	
12	W038383	Switch	2	
13	008109660	Hourmeter Lcd 2 Terminal	1	
14	008239720	Horn	1	
15	008233350	Fuse Holder	3	
16	008233370	Fuse Strip Link	3	
17	002208036	Switch - Proximity	2	
18	002208049	Magnet - Actuator	4	
19	002208099	Switch - 90043 Ch-14	2	
*	009151460	Gauge - Oil Level	1	

27a MAIN WIRING PRE 2006



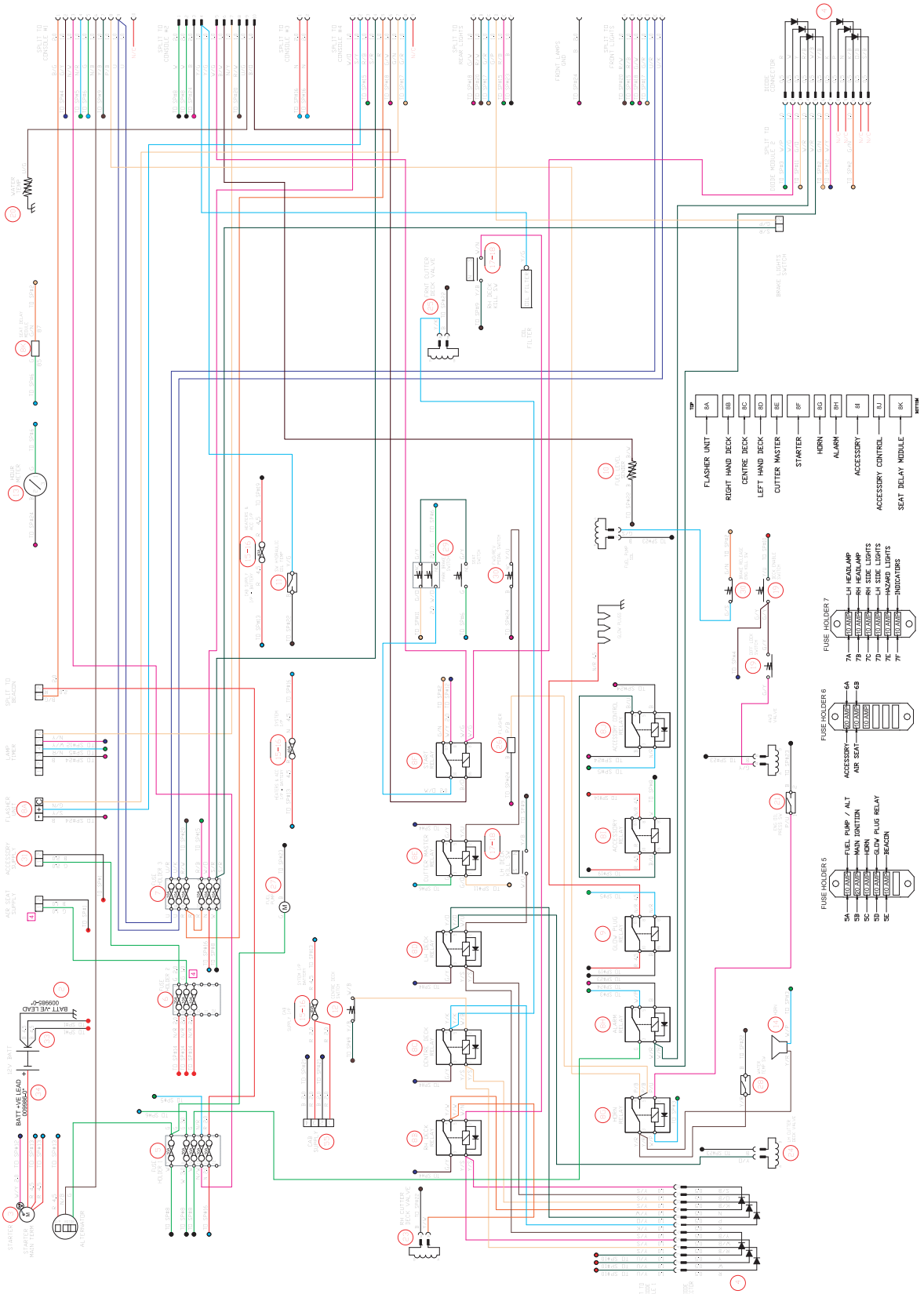
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
20	W148270	Sender Temp	1	
21	-	Switch-Oil Pres.	1	Perkins No. 1852460060
22	48524	Circuit Breaker 40a		
23	178100	Valve-RH Deck	1	
24	178100	Valve-LH Deck	1	
25	2218226	Valve-Front Deck	1	
27	4126806	Pump ,Elect Fuel	1	
28	008296040	Switch-Water Temp	1	
29	W108208	Parking Brake Switch	1	
30	W38382	Switch	2	
31	4128678	Accessory - Plug (Small Type)	3	
32	4128679	Accessory - Socket & Cover	3	
33	4128680	Battery Terminal - Neg	1	
34	4128681	Battery Terminal - Pos	1	

27b MAIN WIRING January 2006 to October 2006



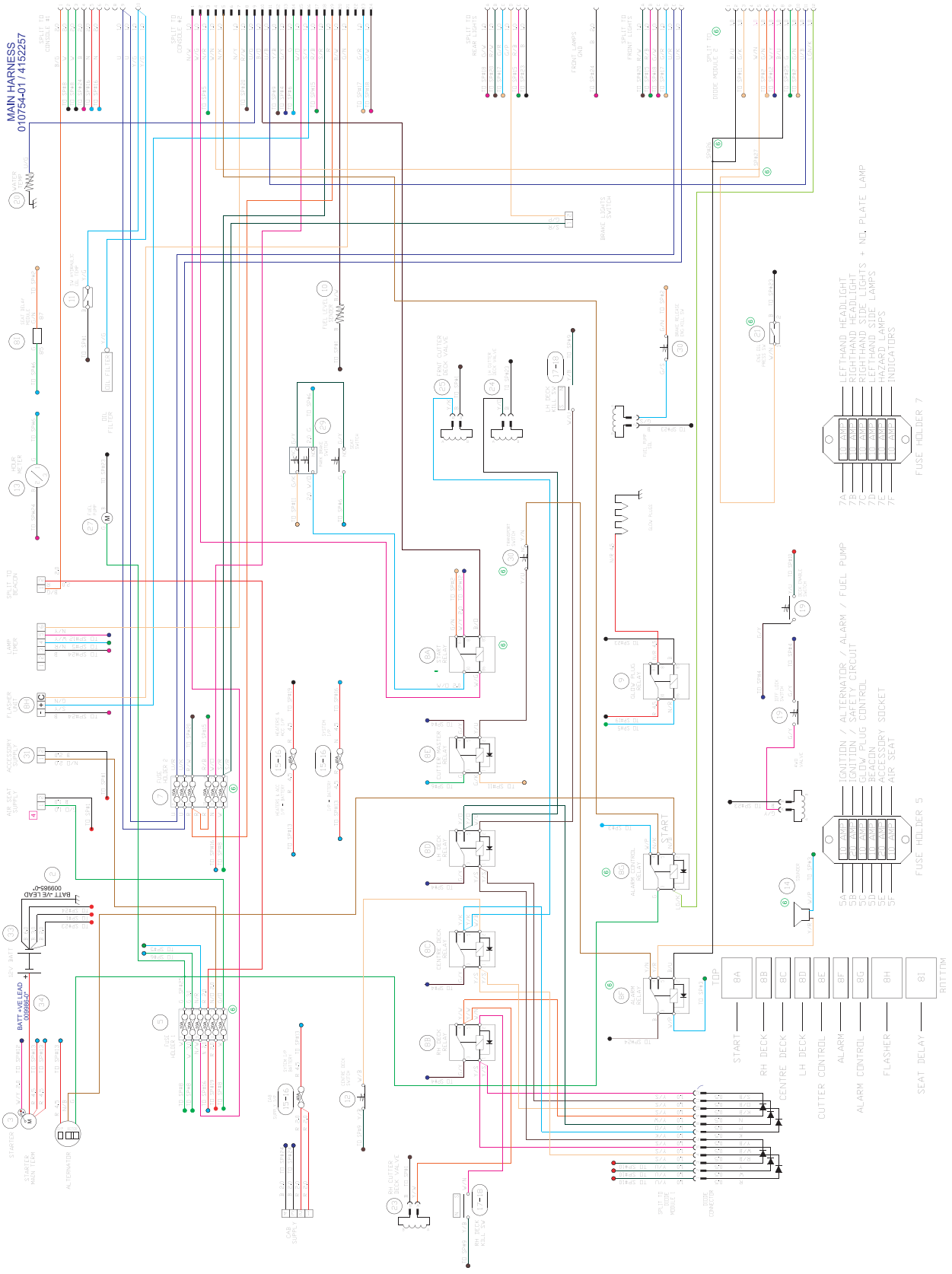
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	4128337	Wiring Harness - Main		
1	4128340	Cable-Battery Negative	1	
2	4128341	Cable-Batery Positive	1	
3	009050460	Lead - Ground	1	
4	4128338	Diode Assembly	2	
5A	008233164	Fuse 10 Amp (Fuel Pump / Alt)	1	
5B	008233180	Fuse 20 Amp (Main Ignition)	1	
5C	008233164	Fuse 10 Amp (Horn)	1	
5D	008233164	Fuse 10 Amp (Glow Plug Relay)	1	
5E	008233164	Fuse 10 Amp (Beacon)	1	
6A	008233180	Fuse 20 Amp (Accessory)	1	
6B	008233180	Fuse 20 Amp (Air Seat)	1	
7A	008233164	Fuse 10 Amp (LH Head Lamp)	1	
7B	008233164	Fuse 10 Amp (RH Head Lamp)	1	
7C	008233164	Fuse 10 Amp (RH Side Lights)	1	
7D	008233164	Fuse 10 Amp (LH Side Lights)	1	
7E	008233164	Fuse 10 Amp (Hazard Lights)	1	
7F	008233164	Fuse 10 Amp (Indicators)	1	
8A	008244553	Flasher Unit	1	
8B	008244700	Relay 1/2 Size (R/H Deck)	1	
8C	008244700	Relay 1/2 Size (Cen Deck)	1	
8D	008244700	Relay 1/2 Size (L/H Deck)	1	
8E	008244700	Relay 1/2 Size (Cutter Master)	1	
8F	008244690	Relay (Starter)	1	
8G	008244700	Relay 1/2 Size (Horn)	1	
8H	008244700	Relay 1/2 Size (Alarm)	1	
8I	008244660	Relay (Accessory)	1	
8J	008244700	Relay 1/2 Size (Accessory Control)	1	
8K	008244640	Seat Delay Module	1	
9	008244740	Relay 70 Amp - Glow Plug	1	
10	002218046	Sender - Fuel Level	1	
11	008296050	Temperature Switch 175f	1	
12	W038383	Switch	2	
13	008109660	Hourmeter Lcd 2 Terminal	1	
14	008239720	Horn	1	
15	008233350	Fuse Holder	3	
16	008233370	Fuse Strip Link	3	
17	002208036	Switch - Proximity	2	
18	002208049	Magnet - Actuator	4	
19	002208099	Switch - 90043 Ch-14	2	
*	009151460	Gauge - Oil Level	1	
20	W148270	Sender Temp	1	

27b MAIN WIRING January 2006 to October 2006



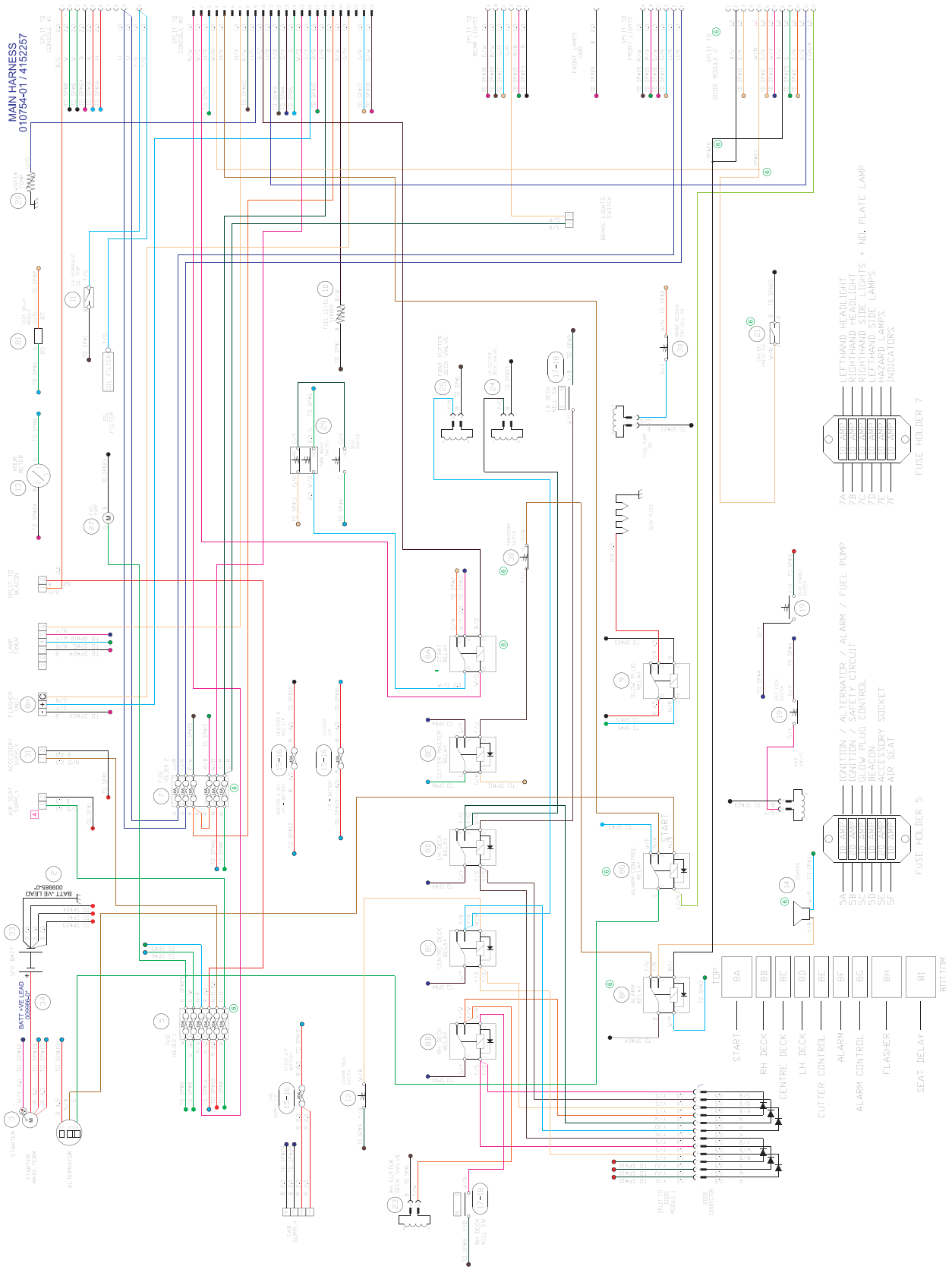
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
21	-	Switch-Oil Pres.	1	Perkins No. 1852460060
22	48524	Circuit Breaker 40a		
23	178100	Valve-RH Deck	1	
	4176161	Valve -RH Deck With Hirschmann Style Connectors	1	Refer To Page 69
24	178100	Valve-LH Deck	1	
	4176161	Valve -LH Deck With Hirschmann Style Connectors	1	Refer To Page 69
25	2218226	Valve-Front Deck	1	
	4176160	Valve-Front Deck With Hirschmann Style Connectors	1 1	Refer to Page 71
27	4126806	Pump, Elect Fuel	1	
28	008296040	Switch-Water Temp	1	
29	W108208	Parking Brake Switch	1	
30	W38382	Switch	2	
31	4136205	Accessory - Socket Large	1	
33	4128680	Battery Terminal - Neg	1	
34	4128681	Battery Terminal - Pos	1	

27c MAIN WIRING November 2006 Onwards



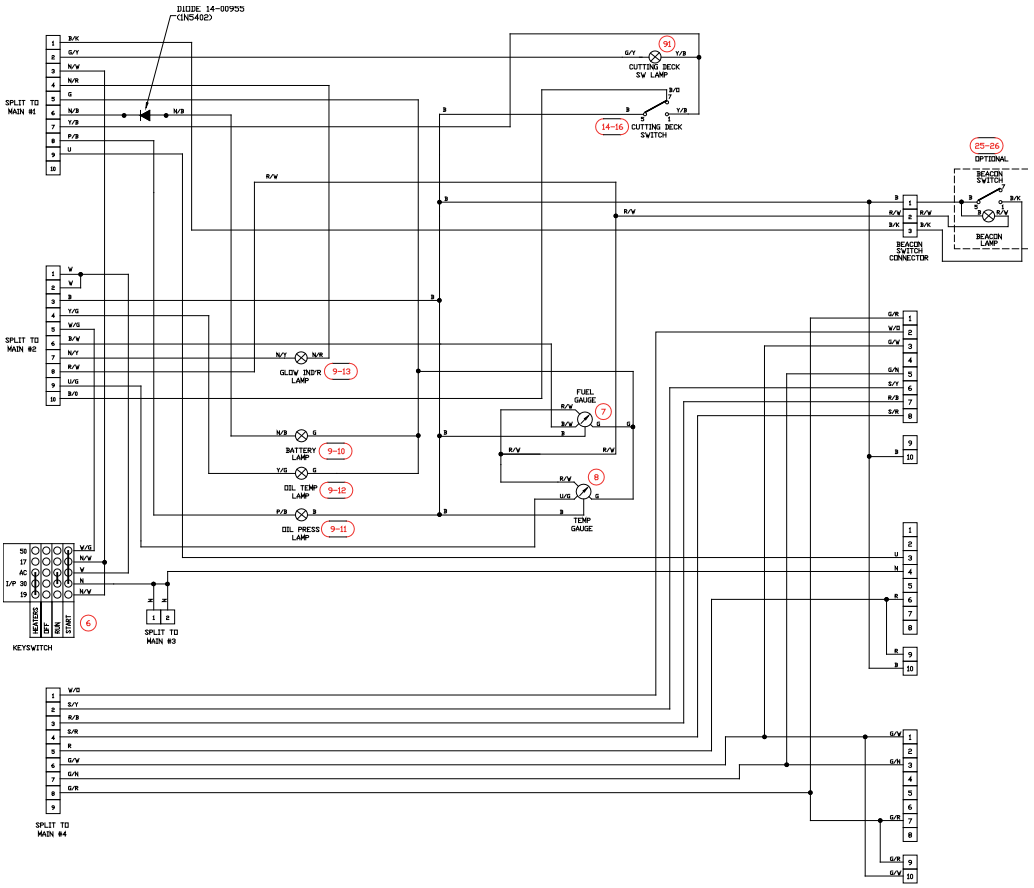
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	4128337	Wiring Harness - Main	1	to s/n EB000552
	4152257	Wiring Harness - Main	1	s/n EB000553
	4178902	Wiring Harness - Main	1	from s/n EB000554
1	4128340	Cable-Battery Negative	1	
2	4128341	Cable-Batery Positive	1	
3	009050460	Lead - Ground	1	
*	4175080	Starter Solenoid protection Link	1	Part of Harness 4167721
4	4128338	Diode Assembly	2	
5A	008233164	Fuse 10 Amp (Ign, Alt, Alarm & Fuel Pump)	1	
5B	008233180	Fuse 20 Amp (Ign & Safety Circuit)	1	
5C	008233164	Fuse 10 Amp (Glow Plug Control)	1	
5D	008233164	Fuse 10 Amp (Beacon)	1	
5E	008233180	Fuse 20 Amp (Accesory Socket)	1	
5F	008233164	Fuse 10 Amp (Air Seat)	1	
7A	008233164	Fuse 10 Amp (LH Head Lamp)	1	
7B	008233164	Fuse 10 Amp (RH Head Lamp)	1	
7C	008233164	Fuse 10 Amp (RH Side & No Plate)	1	
7D	008233164	Fuse 10 Amp (LH Side Lights)	1	
7E	008233164	Fuse 10 Amp (Hazard Lights)	1	
7F	008233164	Fuse 10 Amp (Indicators)	1	
8A	4175078	Relay (Starter)	1	30/40 Amp
8B	4175079	Relay 1/2 Size (R/H Deck)	1	15/25Amp
8C	4175079	Relay 1/2 Size (Cen Deck)	1	15/25Amp
8D	4175079	Relay 1/2 Size (L/H Deck)	1	15/25Amp
8E	4175079	Relay 1/2 Size (Cutter Master)	1	15/25Amp
8F	4175079	Relay 1/2 Size (Alarm)	1	15/25Amp
8G	4175079	Relay 1/2 Size (Alarm Control)	1	15/25Amp
8H	008244553	Flasher Unit	1	
8I	008244640	Seat Delay Module	1	
9	4175070	Relay (Glow Plug)	1	70 Amp
10	002218046	Sender - Fuel Level	1	
11	008296050	Sender Oil Temperature (175F)	1	
12	W038383	Switch	2	
13	008109660	Hourmeter Lcd 2 Terminal	1	
14	4142655	Sounder	1	
15	008233350	Fuse Holder	3	
16	008233370	Fuse Strip Link	3	
17	002208036	Switch - Proximity	2	
18	002208049	Magnet - Actuator	4	
19	002208099	Switch - 90043 Ch-14	2	
*	009151460	Gauge - Oil Level	1	
20	4143246	Sender Water Temperature	1	
21	-	Switch-Engine Oil Pressure.	1	Perkins No. 1852460060

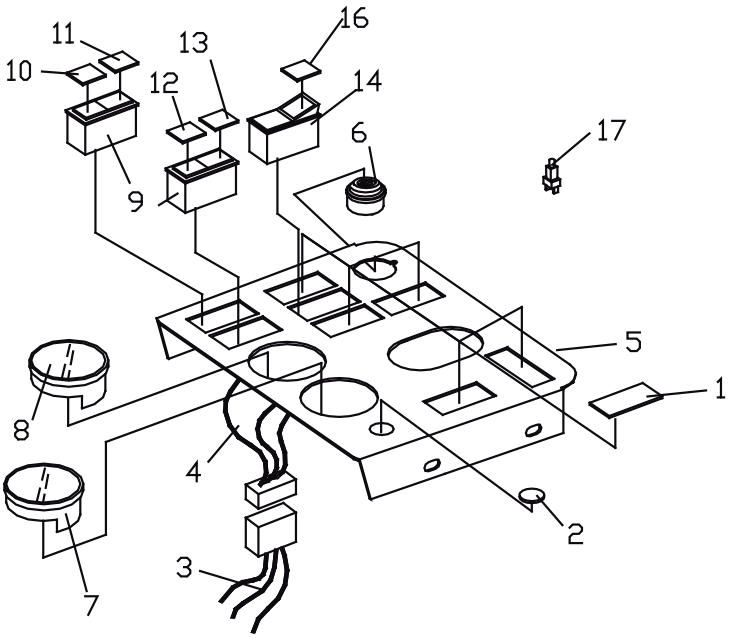
27c MAIN WIRING November 2006 Onwards



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
22	48524	Circuit Breaker 40a		
23	178100	Valve-RH Deck	1	
	4176161	Valve -RH Deck With Hirschmann Style Connectors	1	Refer To Page69
24	178100	Valve-LH Deck	1	
	4176161	Valve -LH Deck With Hirschmann Style Connectors	1	Refer To Page 69
25	2218226	Valve-Front Deck	1	
	4176160	Valve-Front Deck With Hirschmann Style Connectors	1 1	Refer To Page 71
27	4126806	Pump ,Elect Fuel	1	
29	W108208	Parking Brake Switch	1	
30	W38382	Switch	2	
31	4136205	Accessory - Socket Large	1	
33	4128680	Battery Terminal - Neg	1	
34	4128681	Battery Terminal - Pos	1	

28a INSTRUMENT PANEL WIRING

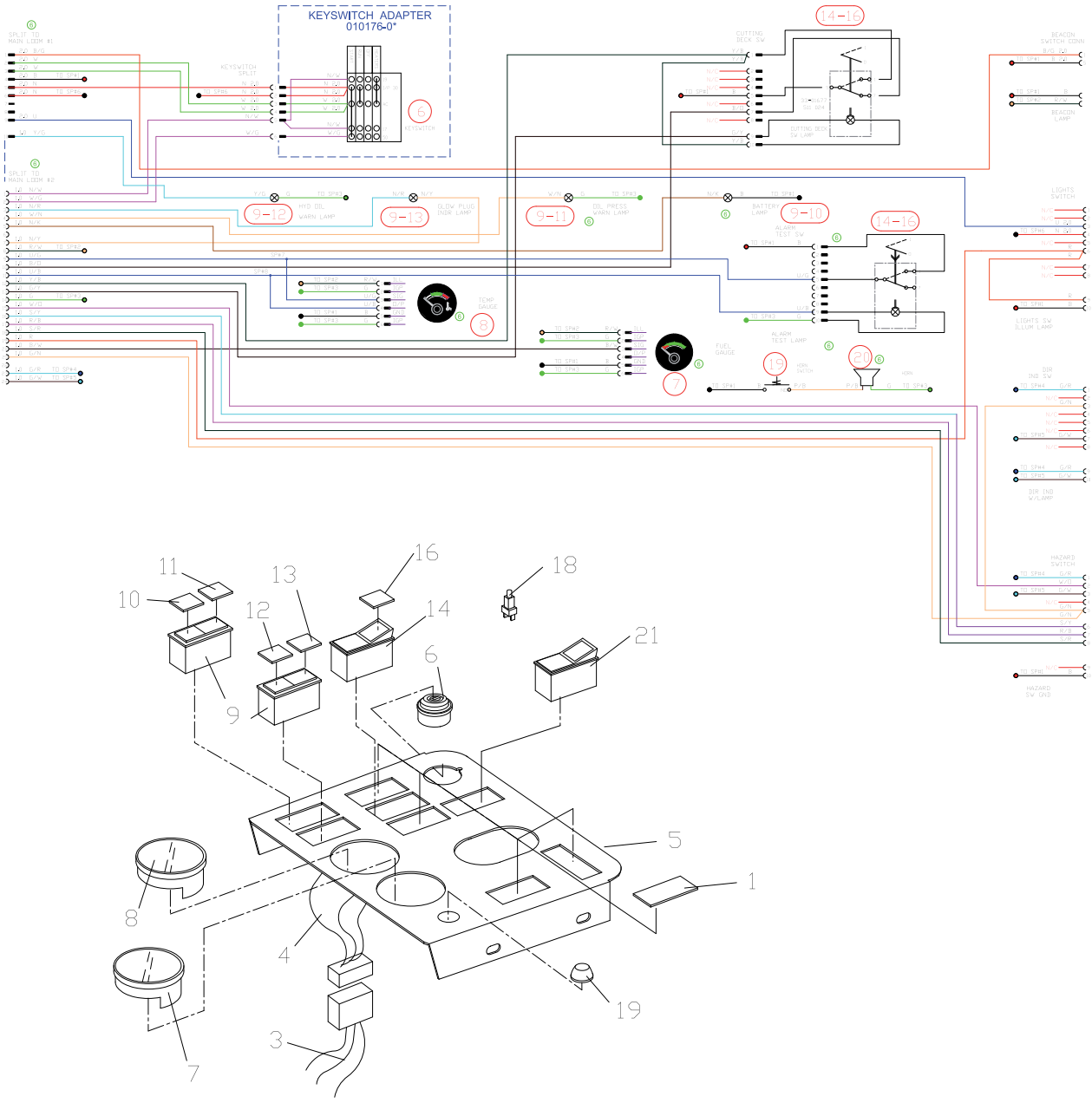




STANDARD CONTROL PANEL

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		STANDARD CONTROL PANEL		
1	008295211	Blanking Plug	5	
2	008955200	Blanking Plate (Circular)	1	
3	4128337	Wiring Harness, Main	1	
4	4128359	Wiring Harness, Intrument	1	
5	MBG5127a	Instrument Panel	1	
6		Switch-Ignition	1	(Perkins Number 385201160)
7	W178092-04	S-Fuel Gauge	1	
8	W178092-03	S-Water Temp Gauge	1	
9	008231870	Pilot Lamp, Twin 12 Volt	2	
10	008295640	Lens-Battery	1	
11	008295630	Oil Pressure Lens	1	
12	008295710	Lens-Hydraulic Oil	1	
13	008295650	Lens-Eng Pre-heat Green	1	
14	008295465	Pto Rocker Switch	1	
16	008295870	Pto Lens	1	
17	178092-22	Light For Rocker	6	

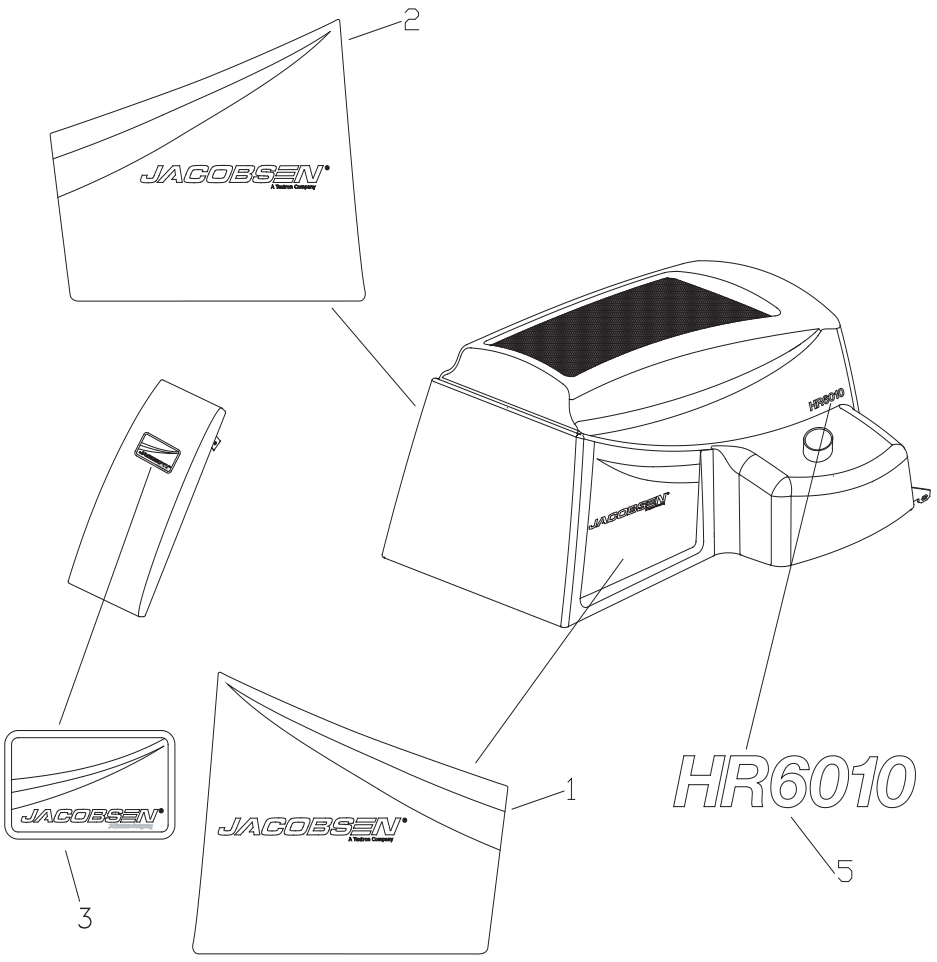
28b INSTRUMENT PANEL WIRING POST NOV 2006



STANDARD CONTROL PANEL

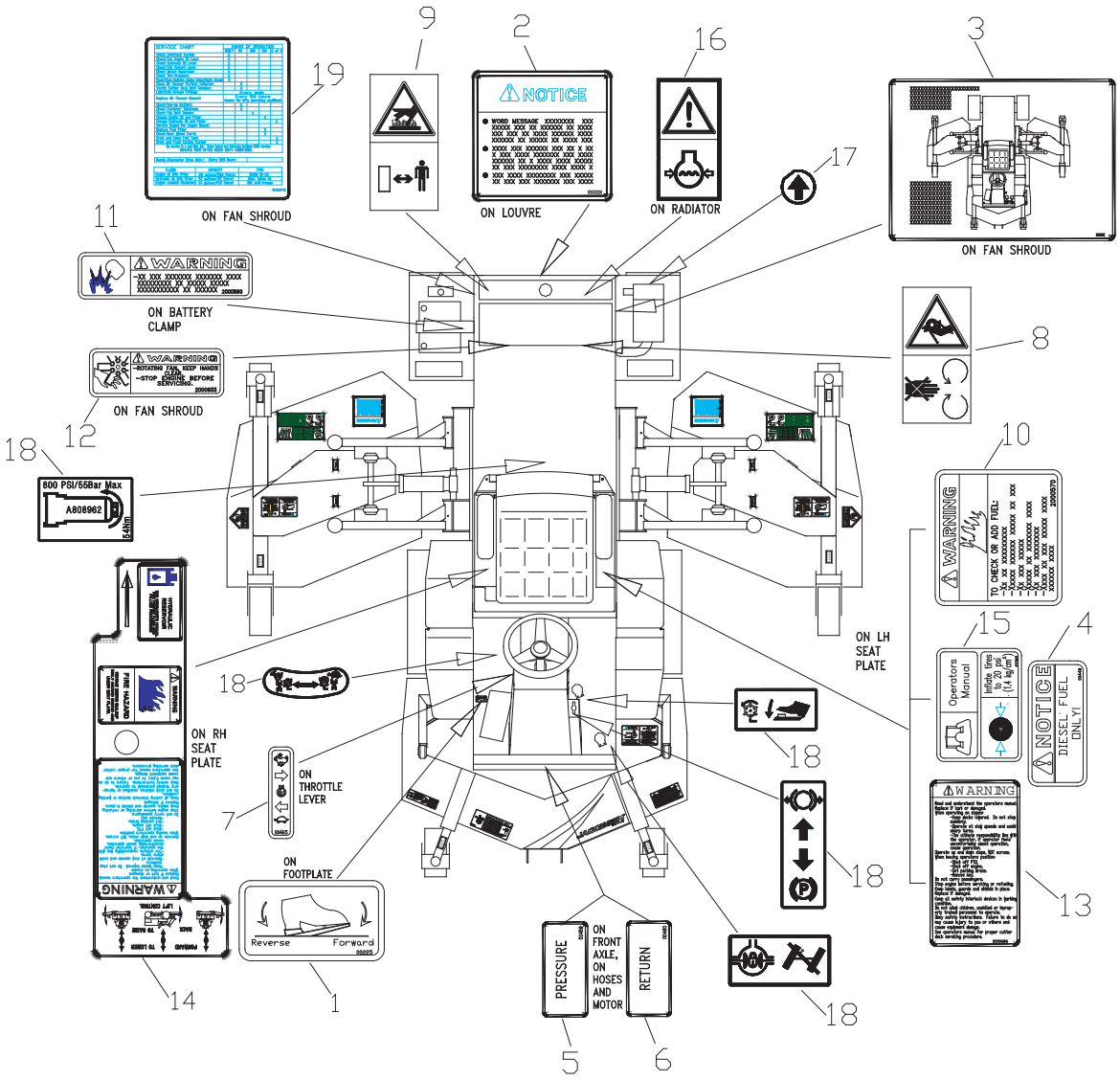
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		STANDARD CONTROL PANEL POST NOV 2006		
1	008295211	Blanking Plug	4	
3	4178902	Wiring Harness, Main	1	
4	4182160	Wiring Harness, Intrument	1	
5	MBG5127A	Instrument Panel	1	
6		Switch-Ignition	1	(Perkins Number 385201160)
7	4150337	Fuel Gauge	1	
8	4152717	Water Temp Gauge	1	
9	008231870	Pilot Lamp, Twin 12 Volt	2	
10	008295640	Lens-Battery	1	
11	008295630	Oil Pressure Lens	1	
12	008295710	Lens-Hydraulic Oil	1	
13	008295650	Lens-Eng Pre-heat Green	1	
14	008295465	Pto Rocker Switch	1	
16	008295870	Pto Lens	1	
17	4152261	Lens-Water Temperature	1	
18	178092-22	Light For Rocker	6	
19	008298544	Switch-Push Button	1	
20	4175076	Horn	1	
21	4152260	Heat Warning Temperature Switch	1	

29a BADGES



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		Badges - ID143		
1	4130806	Jacobsen Swoosh LH	1	
2	4130807	Jacobsen Swoosh RH	1	
3	4124182	Decal - Jacobsen Emblem	1	
5	4130455	Decal - HR6010	2	

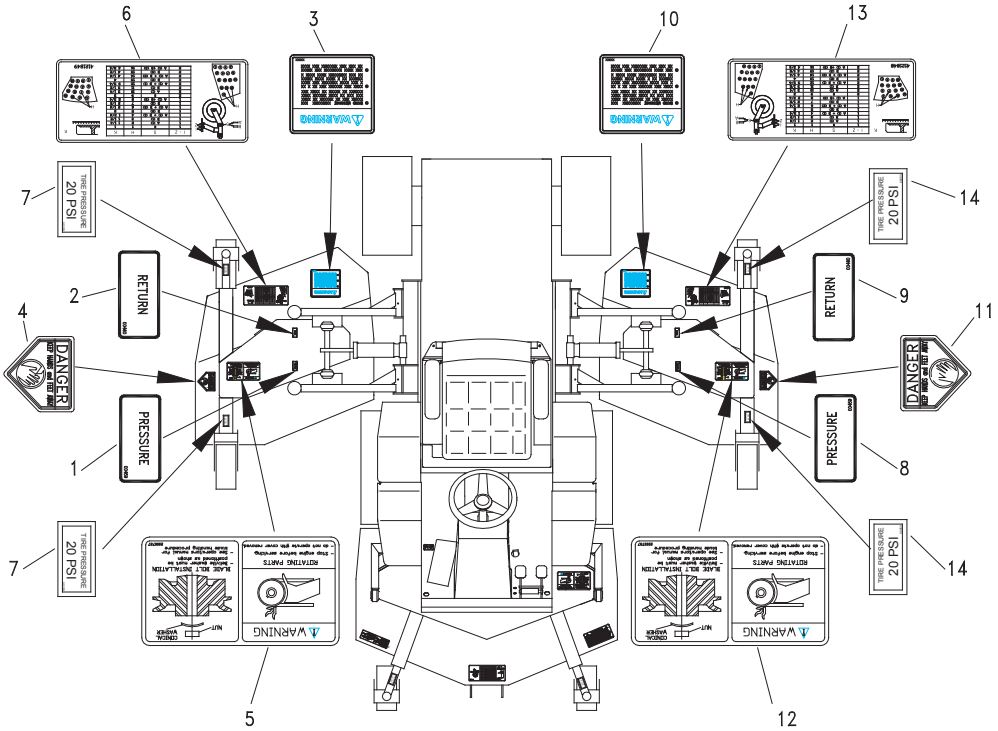
29c DECALS - MACHINE



IDL145 DECALS - MACHINE

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		Decals - Machine IDL145		
1	00225	Decal - Fwd / Rev	1	
2	00434	Label - Notice	1	
3	00439	Label - Lubrication	1	
4	00448	Label - Diesel Fuel Only	1	
5	00459	Label - Pressure 6100	3	
6	00460	Label - Return 6100	3	
7	00465	Label - 6100 Fast / Slow	1	
8	009034900	Decal - Belt	1	
9	009034920	Decal - Hot	1	
10	2000570	Label - Warning Fuel Pict	1	
11	2000590	Label - Warning Battery	1	
12	2000633	Label - Fan Rotating	1	
13	2000686	Label - Main Warning	1	
14	2720292	Label - US Seat Plate	1	
15	4117641	Decal - Op Main / Tires (20 psi)	1	
16	4118415	Decal - Coolant Hazard	1	
17	4126319	Decal - Air Cleaner End Cap	1	
18	4132276	Decal Set - Jacobsen HR6010	1	
19	4132378	Label - Service Chart	1	
20*	4146857	Decal-Seat Belt Rops	1	
21*	4153197	Decal-Pressure Wash	1	

29d DECALS - LH & RH DECKS

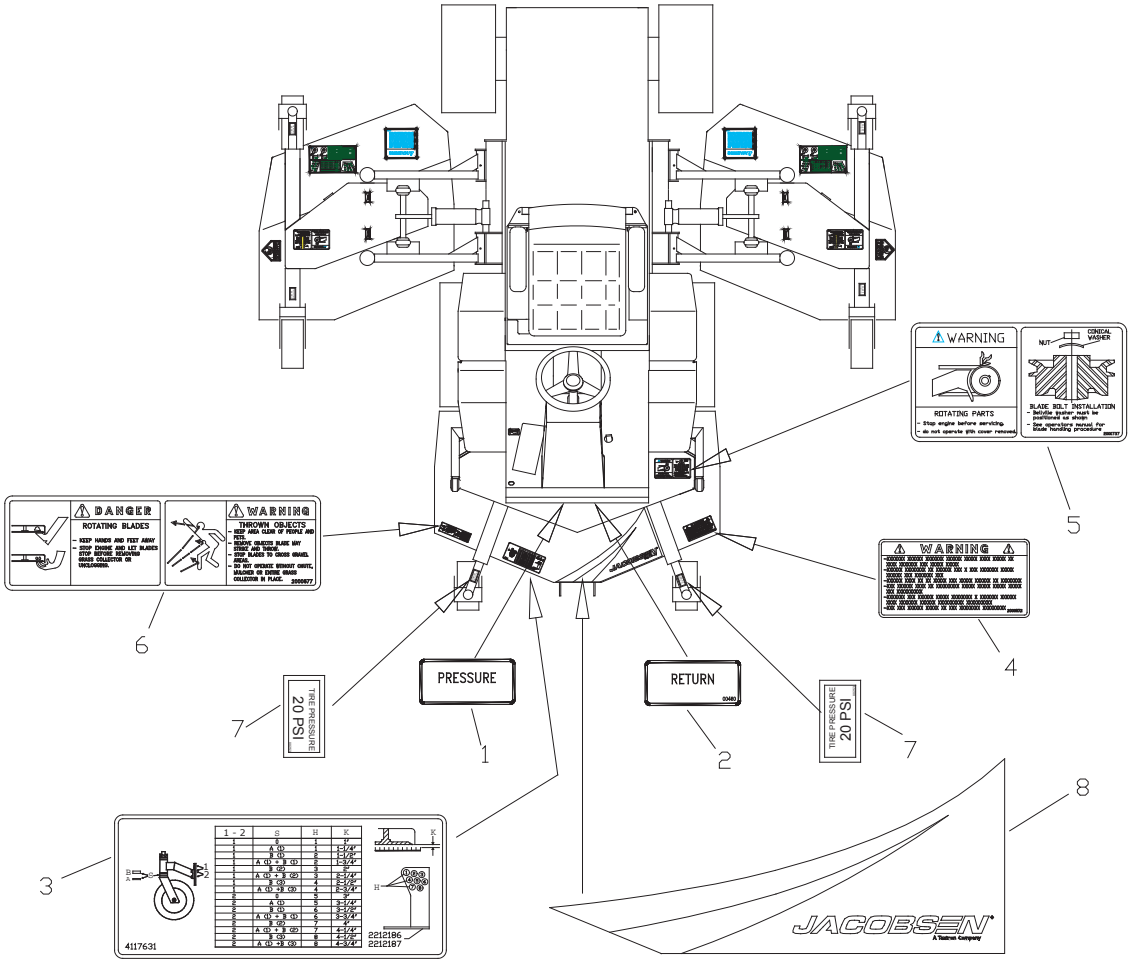


IDL095 DECALS – RH DECK

IDL094 DECALS – LH DECK

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		Decals - Right Hand Deck IDL095		
1	00459	Label - Pressure 6100	1	
2	00460	Label - Return 6100	1	
3	00429	Label - Warning	1	
4	009034002	Decal - Hand & Feet	1	
5	2000737	Label - Warning Conical US	1	
6	4121849	Decal - Height of Cut RH	1	
7	00253	Decal - Tire Pressure 20psi	1	
		Decals - Left Hand Deck IDL094		
8	00459	Label - Pressure 6100	1	
9	00460	Label - Return 6100	1	
10	00429	Label - Warning	1	
11	009034002	Decal - Hand & Feet	1	
12	2000737	Label - Warning Conical US	1	
13	4121848	Decal - Height of Cut LH	1	
14	00253	Decal - Tire Pressure 20psi	1	

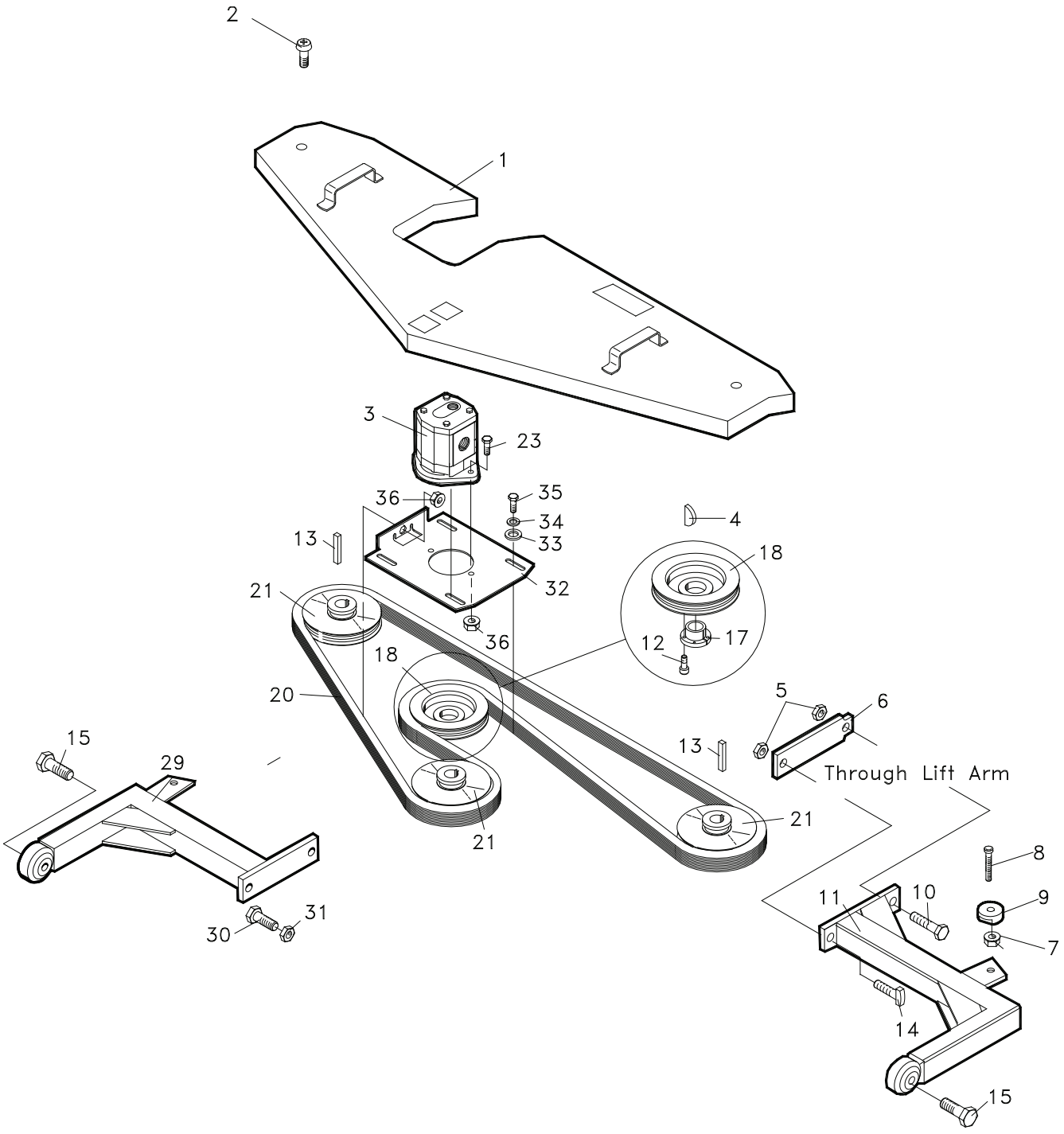
29e DECALS - FRONT DECK



IDL093 DECALS – FRONT DECK

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		Decals - Centre Deck IDL093		
1	00459	Label - Pressure 6100	1	
2	00460	Label - Return 6100	1	
3	4117631	Decal - Height of Cut (Imperial)	1	
4	2000677	Label - Danger / Warning	1	
5	2000737	Label - Warning / Conical US	1	
6	2000572	Label - Warning Blades	1	
7	00253	Decal - Tire Pressure 20psi	2	
8	4128886	Decal - Jacobsen Swoosh	1	

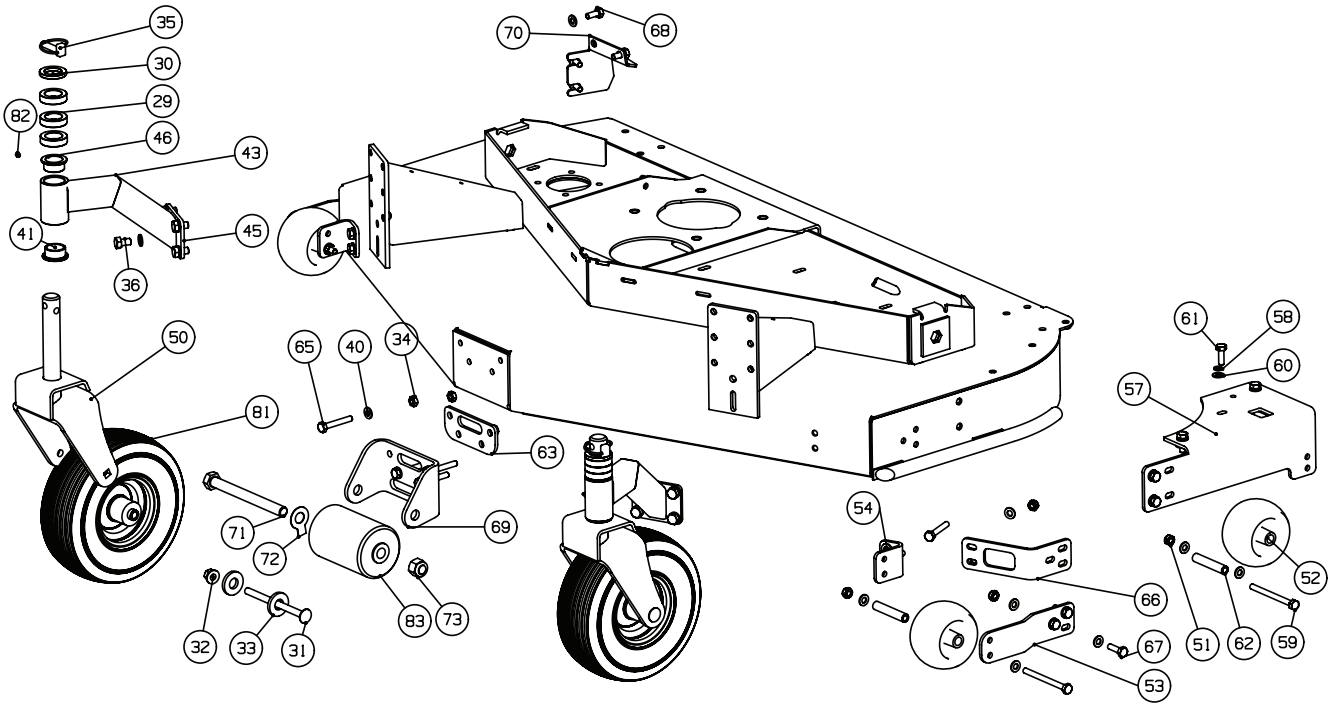
30 FRONT DECK COVER AND MOTOR



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	MBF1932	Weldment-Deck Cover	1	
*	W178111	Spring Latch	3	
*	1496036	Pop Rivet	6	
2	450543	Screw - Recessed Pan Head M6x25	4	
3 *	001496036	Rivet-pop 4.85 X 19	4	
3	2218152-02	Motor Hyd 14	1	
*	2218152-04	S-Seal Kit	A/R	
4	453005165	Key-1/4 X 1/4 X 1-1/8	1	
5	450382	Nut HexM16 Nyloc	4	
6	142064	Plate-Backing	2	
7	450327	Nut HexM16	2	
8	64223-08	Sch Capscr M16x2.00x60	2	
9	2213036	Stop Height Adjustment	2	
10	450078	Bolt HexM16 X 100	2	
11	2216072	Weldment-Support Arm LH	1	
12	W64189-7A	Bolt-hx Soc #10-32x1/2	3	
13	453005165	Key-1/4 X 1/4 X 1-1/8	3	
14	64239-01	Bolt-”T”5/8-18x3 3/4 G8	2	
15	450073	Bolt HexM16 X 70	2	
17	148075-02	Bushing-ja 7/8 Bore	1	
18	W148195	Pulley Ja	1	
20	W178121	Belt-Center Deck	1	
21	MBG6038	Pulley-5.75 Od	3	
23	456110066	Screw Hex3/8-16 X 1	2	
29	2216071	Weldment-Support Arm RH	1	
30	450222	Screw HexM10 X 65	1	
31	450325	Nut HexM10	1	
32	W172107	Plate-Motor	1	
33	450391	Washer-M10 X 21 X 2.2	44	
34	450412	LockWasher-M10 X 15.9 X 2.5	26	
35	450215	Screw HexM10 X 30	14	
*	450372	Nutsert-M10 A-l X 20.5	4	
36	450454	Nut HexM10 Verbus Ripp	3	

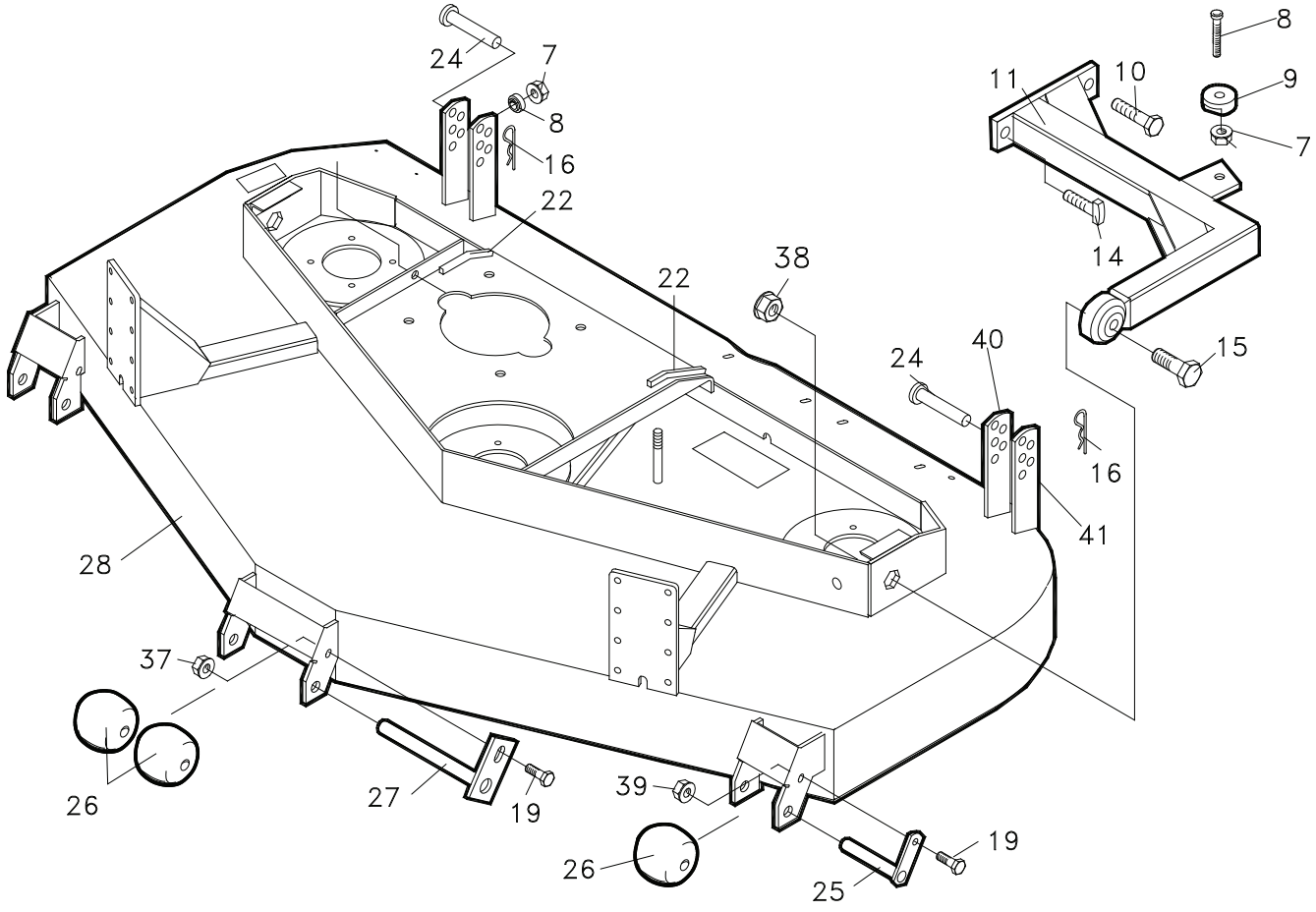
* Not Illustrated

30A FRONT DECK FROM SERIAL NUMBER CY000744 & YW001412



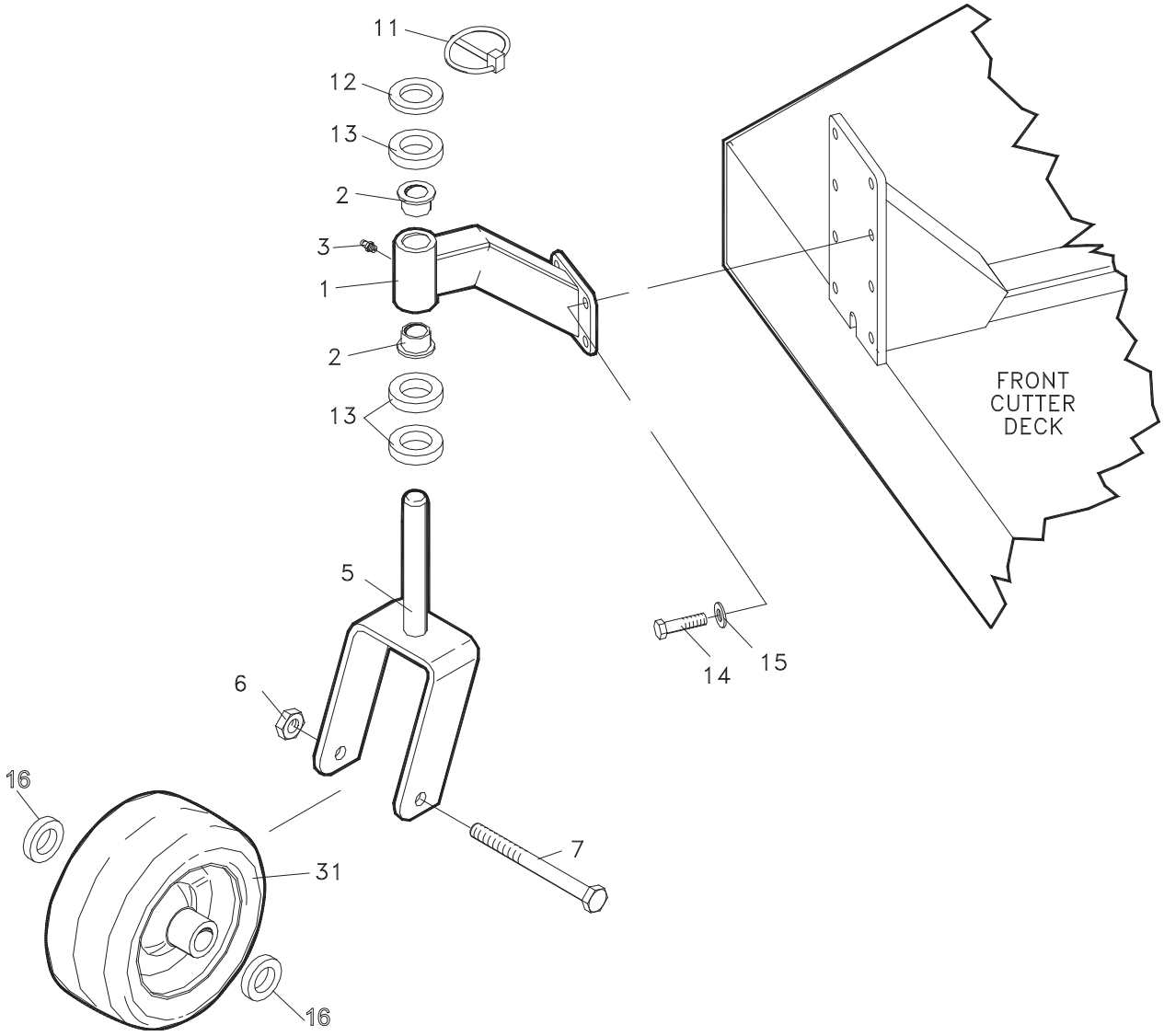
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
29	Mbg5427	Collar - 1.266" X 2" X .500	"6	
30	Mbg5426	Collar - 1.266" X 2" X .250	"2	
31	4118873	Bolt - Crg M12 X 170	2	
32	452438	Nut - Nyloc M12 Flng	2	
33	4118730	Spacer 45 O/d X 20.5 I/d X 6 Thk.	4	
34	450424	Lock Washer - M12 X 21 X 2.65	8	
35	469009601	Spring Clip	2	
36	450239	Screw - Hex M12 - 1.75 X 20	8	
40	450391	Washer - M10 X 21 X 2.2	40	
41	002190200	Bush - Flange1.25"X1.50"X0.75	"4	
43	Mbg5414	Tube - Upper	2	
45	42034a	Caster Wheel Plate	2	
46	Mbf1936	Asm - Caster Support	2	
50	Mbf1938	Asm - Yoke 11.00 Tyre	2	
51	450379	Nut - Hex M10 - 1.5 Gr 8 Nyloc	14	
52	2721512	Roller - 5 X 2.75 .centered	3	
57	4158982	Bracket - Rear Antiscalp	1	
58	450412	Lock Washer - M10 X 15.9 X 2.5	9	
59	450043	Bolt - Hex M10 - 1.5 X 120	3	
60	4159323	Spacer 10.5x25x4	3	
61	450215	Screw - Hex M10 - 1.5 X 30	5	
62	4163320	Caster Spacer 16x10.3x86	3	
63	4158942	Plate - Roller Bolt Backing	1	
65	450035	Bolt - Hex M10 - 1.5 X 65	8	
66	4158983	Plate - Antiscalp Bracket	2	
67	450216	Screw - Hex M10 - 1.5 X 35	6	
68	450214	Screw - Hex M10 - 1.5 X 25	4	
69	4165907	Front Roller Bracket	1	
70	4171620	Guard - Foot	1	
71	4186861	Bolt - Hex 3/4 - 10 X 8	1	
72	4186960	Washer - Tab M20	1	
73	450190284	Nut - Hex 3/4 - 10 Nyloc	1	
81	4237022	P.u Filled Wheel Assy 11 X 4.00 - 5	2	
82	002993013	Lubricator - M6 Straight	2	
83	163425	Roller	1	

30B FRONT DECK TO SERIAL NUMBER CY000743 & YW1411



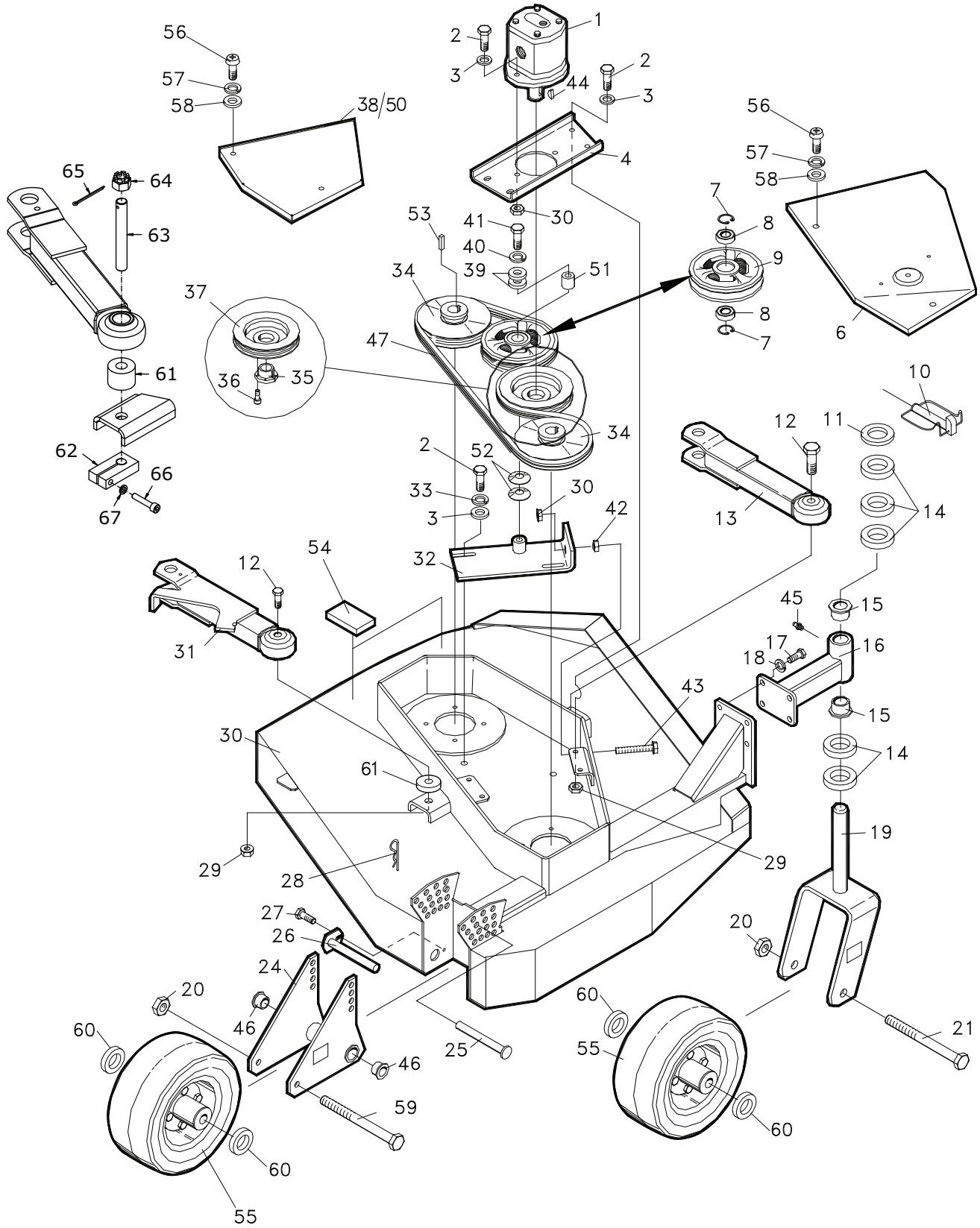
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
7	450327	Nut HexM16	2	
8	64223-08	Sch Capscr M16x2.00x60	2	
9	2213036	Stop Height Adjustment	2	
10	450078	Bolt HexM16 X 100	2	
11	2216072	Weldment-Support Arm LH	1	
14	64239-01	Bolt-”T”5/8-18x3 3/4 G8	2	
15	450073	Bolt HexM16 X 70	2	
16	1490226	‘R’ Clip	2	
19	450191	Bolt M8 X 20	4	
22	48450-16	Foam .5x4.0x.5	2	
24	64188-40	1/2 X 2-5/8 Clevis Pin	2	
25	46335	Shaft Asm-Roller	2	
26	2198153	Roller, 3	2	
27	W146067	Shaft Assembly Roller	1	
28	MBF1931A	Weldment-Front Deck, Hr9510	1	
37	452436	Nut HexM8 Flng Nyloc	2	
38	450457	Nut HexM16 Verbus Ripp	2	
39	452436	Nut HexM8 Flng Nyloc	2	
40	4281651.7	Brkt-72 Height Adj (A) Black	2	
41	2212187	Brkt-72 Height Adj (B)	2	

31 CASTER WHEELS



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	MBF1937	Wldmt-Caster Support	1	(Includes Items 2 & 3)
2	002190200	• Bush-flng 1.25"X1.50"X0.75"	2	
3	002993013	• Lubricator-m6 Str	1	
5	MBF1939a	Asm-Yoke, 11.00 Tyre	1	
6	452438	Nut HexM12 Flng Nyloc	1	
7	4118873	Bolt-crg M12 X 170	1	
11	469009601	Quick Pin	1	
12	MBG5426	Collar-1.266 X 2 X .250	1	
13	MBG5427	Collar-1.266 X 2 X .500	3	
14	450239	Scrw HexM12 X 20	4	
15	450424	Lock Washer-M12 X 21 X 2.5	4	
16	4118730	Spacer	2	
31	4138579	Wheel & Tyre 11x4.0 - 5, 4 ply	2	Deep Groove Bearings Bearings, Spacer, Seals

32 WING DECK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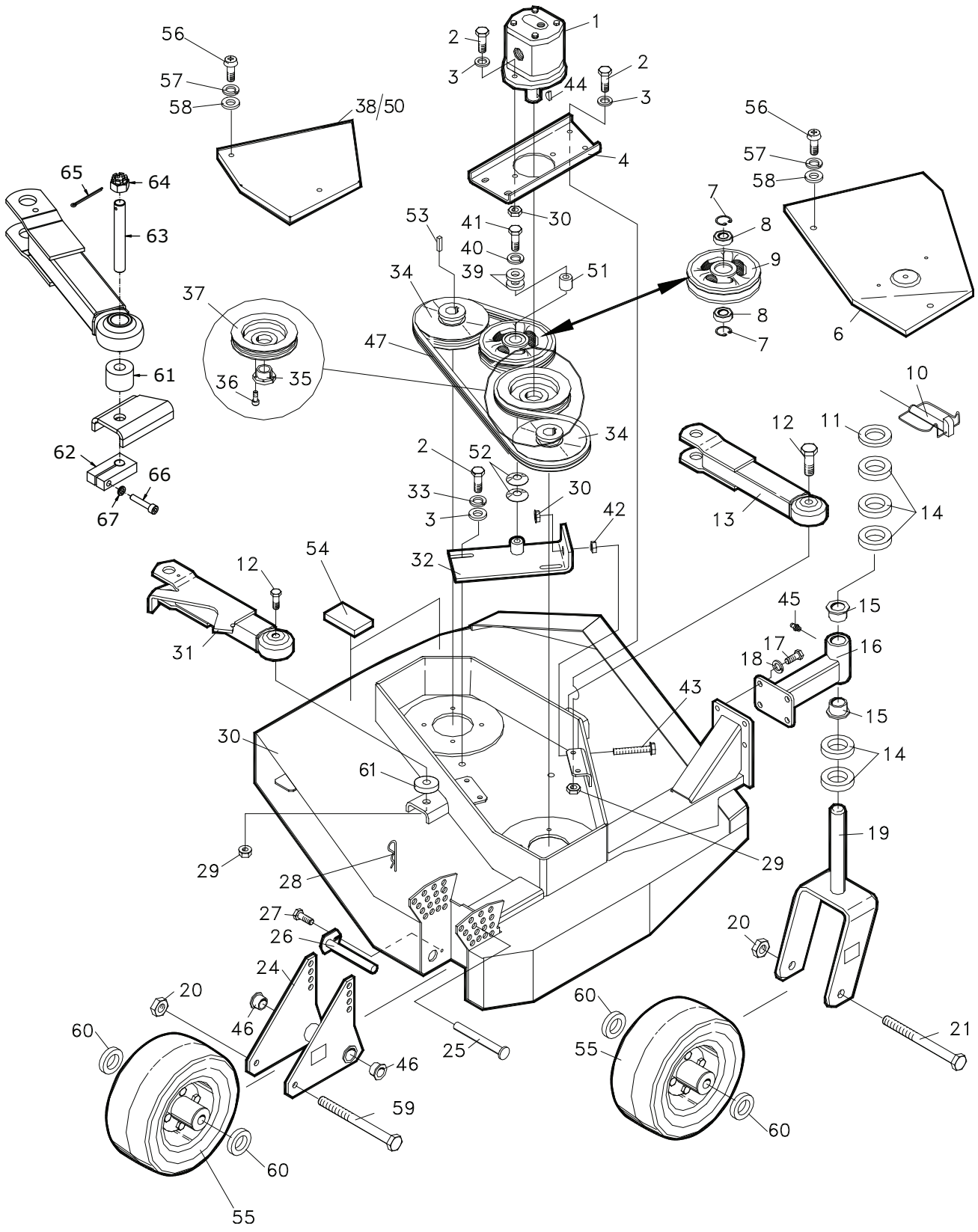
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	2218152-01	Motor 11cc	2	
		(Seal Kit 2218152-04)		
		(Use 2218152-02 On 10'-7" Models)		
2	450214	Scrw HexM10 X 25	16	
3	450391	Washer-M10 X 21 X 2.2	16	
4	2212097	Motor Plt-LH Deck	1	On 9'-8" Models
*	2212094	Motor Plt-RH Deck	1	On 9'-8" Models
*	2212099	Motor Plt-LH Deck	1	On 10'-7" Models
*	2212098	Motor Plt-RH Deck	1	On 10'-7" Models
6	MBG5574	Cover-deck LH Outer	1	On 9'-8" Models
*	MBG5575	Cover-deck RH Outer	1	On 9'-8" Models
*	MBG5656	Cover-belt Outer LH	1	On 10'-7" Models
*	MBG5655	Cover-belt Outer RH	1	On 10'-7" Models
7	451970	Circlip-int 40 X 1.75 T	2	
8	002039152	Brg-ball 17 X 40 X 12	2	
9	146169	Pulley Idler W/Bearg	2	(Includes Items 7 & 8)
10	469009601	Quick Pin	2	
11	MBG5426	Washer	2	
12	450078	Bolt HexM16 X 100	4	To S/N EB000654
*	4244645	AV Washer-17 x 30.7 x 3.4	16	for item 12 to S/N EB000654
13	W176061.7	Swing Arm Assy-rear	2	
14	MBG5427	Collar-1.266 X 2 X .500	10	
15	002190200	Bush-flng 1.25"X1.50"X0.75	"4	
16	MBF2195	Wldmt-Caster Arm	2	
17	450239	Scrw HexM12 X 20	16	
18	450424	Lock Washer-M12 X 21 X 2.5	16	
19	MBF2196	Wldmt-Yoke, Caster	2	
20	450380	Nut HexM12 Nyloc	2	
21	452626	Bolt-crg M12 X 150	1	
24	MBF2194	Wldmt- Caster Whl Brkt	2	
25	64188-29	Pin Clevis 1/2 X 6	2	
26	MBF1969	Wldmt-Push Arm Pin	2	
27	450171	Scrw HexM6 X 20	2	
28	001490226	'R' Clip	2	
29	450382	Nut HexM16 Nyloc	4	To S/N EB000616
29	4244622	M16 Threaded Plate	4	From S/N EB000617 to EB000654
30	MBF1947	Wldmt-wing Deck LH	1	On 9'-8" Models
*	MBF1948	Wldmt-wing Deck RH	1	On 9'-8" Models
*	MBF1990	Wldmt-wing Deck LH	1	On 10'-7" Models
*	MBF1989	Wldmt-wing Deck RH	1	On 10'-7" Models
31	4152597	Wldmt-Arm Front Wing Deck LH	1	
31	4152598	Wldmt-Arm Front Wing DeckRH	1	
32	MBF1959	Wldmt-adj Plate LH Deck	1	On 9'-8" Models
*	MBF1958	Wldmt-adj Plate RH Deck	1	On 9'-8" Models
*	MBF1958	On Left Wing Deck	1	On 10'-7" Models
*	MBF1959	On Right Wing Deck	1	On 10'-7" Models
33	450412	Lock Washer-M10 X 15.9 X 2.5	6	

32 WING DECK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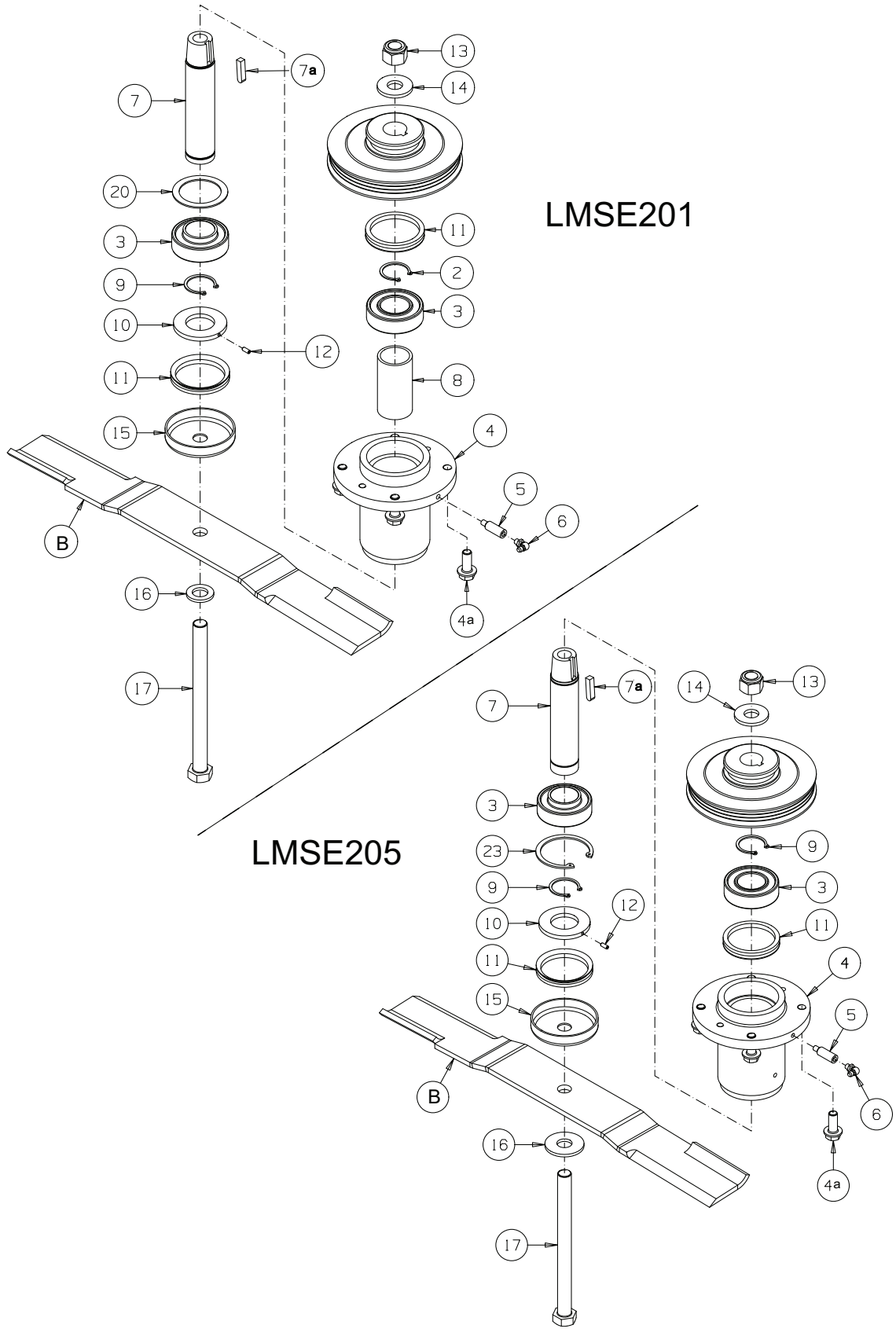
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
34	MBG6038	Pulley-5.75 Od	4	
35	148075-02	Bushing-ja 7/8 Bore	2	
36	W64189-7A	Blt-hx Soc#10-24x1	8	
37	W148195	Pulley Ja	2	
38	MBG5564	Cover-Belt Inner LH	1	On 9'-8" Models
*	MBG5569	Cover-Deck Inner RH	1	On 9'-8" Models
39	MAA0335a	Washer-17/32 X 25mm X 3/16	2	
40	452200176	Lock Washer-1/2 X .873 X .125	2	
41	451110346	Bolt Hex1/2-13 X 2-3/4	2	
42	450325	Nut HexM10	2	
43	450222	Scrw HexM10 X 65	2	
44	64164-27	S-key-1/4x1/4x1	A/R	
45	002993013	Lubricator-M6 Str	4	
46	002190190	Bush,1"X1.125"X1.25	"2	
47	178007	Belt-Cutter Deck(9'-8")	2	On 9'-8" Models
*	178145	Belt-Cutter Deck(10'-7")	2	On 10'-7" Models
50	MBG5653	Cover-Belt Inner LH	1	On 10'-7" Models
*	MBG5654	Cover-Belt Inner RH	1	On 10'-7" Models
51	43065A	Spacer-Bushing	2	
52	461901679	Sprg-Disc 13 X 28 X 1	4	
53	453005165	Key-1/4 X 1/4 X 1-1/8	4	
54	168142-03	Strip-rubber	2	
55	4127120	Whl-9x3.5x4.0 (Filled)	2	
*	002090600	o Service Kit	1	Bearings, Spacer, Seals
*	002989470	Deck Cover Foam	A/R	(0.95m) 9'-8" Deck
*	002989470	Deck Cover Foam	A/R	(1.25m) 10'-7" Deck
*	W158007-05	90-m/M 1 Ors X 7/8 Sae	2	
*	W158006-07	Ftg-m/M 1 Ors X 7/8 Sae	2	
*	450192	Scrw HexM8 X 25	2	Anti-scalp
*	46335	Shaft Asm-roller	2	Anti-scalp
*	450120267	Nut Hex 3/8 x 16	2	Anti-scalp
*	2198153	Roller, 3	2	Anti-scalp
*	MBF20201	Brkt-Caster Assy	2	Anti-scalp
*	450479	Scrw HexM10 X 25 Verbus Ripp	4	Anti-scalp
56	4540543	Screw - Recessed Pan Head M6x25	4	
57	450410	Washer - Spring M6	4	
58	450389	Washer - Plain M6	4	
59	452625	Bolt Cup Head squ Neck M12x140	1	
60	4118731	Spacer	4	
61	MBG6646	Spacer-16 x 40 x 30	2	
61	4251387	Spacer-17 x 32 x 22	2	From S/N EB000617 to EB000654
62	4258310	M16 Clamp Plate	2	From S/N EB000655
63	4258311	M16 Stud	2	From S/N EB000655
64	450349	Nut HexCastle M16-2.0, Gr 8	2	From S/N EB000655
65	451264	Split Pin-4 x 56	2	From S/N EB000655
66	450727	Capscrw HexSckt M8-1.25 x 40	2	From S/N EB000655
67	4258312	AV Washer-8.7 x 13.5 x 2.5	2	From S/N EB000655

33 SPINDLE ASSEMBLY

Illustration Number: LMSE201_LMSE205_Spindle_Assy



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	LMSE201	Spindle Assembly	1	• Included Part
1	LMSE205	Spindle Assembly	1	• Included Part
2	001791171	• Snap Ring, 1.187"	1	Part of LMSE201
3	148070	• Bearing-Ball 1-1/4 10	2	Part of LMSE201 and LMSE205
4	MBG5500	• Spindle Housing	1	Part of LMSE201
4	4184942	• Spindle Housing	1	Part of LMSE205
4a	450479	• Screw Hex M10 X 25 Verbus Ripp	4	Part of LMSE201 and LMSE205
5	MBG5448A	• Extension	1	Part of LMSE201 and LMSE205
6	002993160	• Lubricator-M6 X 90 Deg	1	Part of LMSE201 and LMSE205
7	143030	• Spindle	1	Part of LMSE201
7	4184940	• Spindle	1	Part of LMSE205
7a	453005165	• Key-1/4 x 1/4 x 1-1/8	1	Part of LMSE201 and LMSE205
8	143032	• Spacer-Bearing	1	Part of LMSE201
9	001791189	• Snap Ring, 1.250"	1	Part of LMSE201 and LMSE205
10	143031	• Spacer-Seal	1	Part of LMSE201 and LMSE205
11	148071-01	• V-Ring V-60a	2	Part of LMSE201 and LMSE205
12	450944	• Screw-set M4 X 10, Cup Pnt	2	Part of LMSE201 and LMSE205
13	001399040	• Nut Hex 5/8-18 Nyloc	1	Part of LMSE201 and LMSE205
14	64209-03	• Spring Washer .67 Id	1	Part of LMSE201 and LMSE205
15	142108.7	• Cap-Spindle	1	Part of LMSE201 and LMSE205
16	450393	• Washer-M16 X 30 X 3.3	1	Part of LMSE201
16	64163-76	• Washer-11/16 X 1-3/4 x 9/64	1	Part of LMSE205
17	001009770	• Bolt Hex 5/8-18 X 7-3/4	1	Part of LMSE201 and LMSE205
20	4267150	• Washer-46 x 60.4 x 1.5, self colour	1	Part of LMSE201
22	450959	• SetScrew Hex Sckt M6 x 8	1	Part of LMSE205
23	451992	• Circlip-Int 62 x 2 T	1	Part of LMSE205
B	112243-03	Blade (60" Front Deck)	3 per	
*	112243-03	Blade (10' 7" Wing Decks)	2 per	
*	112243-07	Blade (9' 8" Wing Decks)	2 per	

34 PERKINS SPARES

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
*	4235640	Exhaust Manifold Turbo Gasket		
*	4235641	Turbocharger		
*	4235642	Pre-Filter		
*	4235643	Head Gasket		
*	4280471	Solenoid		
*	4280911	Water Pump		
*	4280912	Water Pump Gasket		
*	4277933	Fan Belt		
*	4282151	Oil Filter		
*	4126840	Fitting-Banjo, Sump Drain		
*	4194221	Fan-Sickle Bladed		From S/N EA000814
*	4195881	Fan Spacer-50mm		From S/N EA000814

* Not Illustrated

Europe & Rest of The World Except North & South America

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English Company Registration No. 1070731
www.ransomesjacobsen.com

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NC 28273, USA
www.Jacobsen.com

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A Textron Company